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USER'S GUIDE

CALIBRATED ANCILLARY SYSTEM (CAS)

VOLUME II

- Data Flow Engineer Procedures

PREPARED BY



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This user's guide contains the introduction to the equipment, operation, general procedures, and specific procedures of the calibrated ancillary system (CAS).

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DESCRIPTION

PROCEDURES

- CALLING UP CSAC PROCEDURE

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CSAC menu is requested from user interface.

Request is accepted only from users with authorized access to CSAC.

--Command Syntax:

'csac' must be in lowercase.

DISPLAY

Display is CSAC Master Menu ws1 Menu name is 'csac'	GMT XXX:XX:XX:XX
Enter the number or letter of your selection:	
1 Start CSAC 2 Restart CSAC 3 Halt CSAC 4 New control w/s or ndd 5 Print name of current w/s or ndd 6 Display CSAC report options 7 CSAC commands 0 BACK to previous menu	
ADVS: csac CNTL:	F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up csac:
--Type csac.
--Press <RETURN>.
- Observe CSAC master menu appears on screen.

DESCRIPTION

- CSAC Master Menu.

CSAC master menu lists options.

Menu items are selected by number, letter, or command.

--Command Syntax:

By number number of menu item.

By letter first letter of menu item
(letter uppercase).

By command command (command
lowercase).

DISPLAY

Display is CSAC Master Menu
ws1 Menu name is 'csac'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control w/s or ndd
- 5 Print name of current w/s or ndd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To select menu item by number:
--Type (number of desired menu item).

OR

- To select menu item by letter:
--Type (first letter of desired menu item).
--Press <RETURN>.

OR

- To select menu item by command:

--Type (command).

--Press <RETURN>.

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SECTION 1 CSAC PROCEDURES

- START CSAC PROCEDURE

Starts CSAC and related processes:

SECTION 2 SUPERVISOR PROCEDURES

Health and status and user interface are placed in remote control mode.

SECTION 3 LOGGING PROCEDURES

CSAC workstation becomes control workstation.

SECTION 4 DELOGGING PROCEDURES

When CSAC is ready, 'CSAC initialization complete' advisory appears on advisory line.

SECTION 5 REAL-TIME PROCEDURES

SECTION 6 ERROR MESSAGES

DISPLAY

Display is CSAC Master Menu
Menu name is 'csac'

Enter the number or letter of your selection:

1 Start CSAC
2 Restart CSAC
3 Halt CSAC
4 New control window add
5 Print name of current wj or add
6 Display CSAC report options
7 CSAC commands
8 BACK to previous menu

GMT: XXX:XX:XX:XX:XX

ADVS: xxx:xx:xx:xx csac > CSAC initialization complete

CNTL: csacst

F1=REFN F2=TOP F3=RPT F4=ADVS F5=HIST

PROCEDURE

- To start CSAC by number:

--Type 1.

- Observe ADVS: xxx:xx:xx:xx csac > CSAC initialization complete

OR

- To start CSAC by letter:

--Type S.

--Press <RETURN>.

- Observe ADVS: xxx:xx:xx:xx csac > CSAC initialization complete

PROCEDURE (Cont.)

OR

- To start CSAC by command:
--Type csacstart or csacst.
--Press <RETURN>.
- Observe ADVS: xxx:xx:xx csac> CSAC initialization complete

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DESCRIPTION

DISPLAY

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PROCEDURES

- RESTART CSAC PROCEDURE

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Restarts CSAC:

SECTION 2 SUPERVISOR PROCEDURES

CSAC deletes all of its tables.

SECTION 3 LOGGING PROCEDURES

Reinitializes itself.

SECTION 4 DELOGGING PROCEDURES

When CSAC is ready, 'CSAC initialization complete' advisory appears on advisory line.

Comments:

SECTION 5 REAL-TIME PROCEDURES

After command is issued, CSAC takes several minutes to reflect accurate system data.

SECTION 6 ERROR MESSAGES

Display is CSAC Master Menu
Menu items are:

Enter the number or letter of your selection:

1 Start CSAC
2 Restart CSAC
3 Halt CSAC
4 New control w/o reset
5 Print name of current w/o reset
6 Display CSAC report options
7 CSAC commands
8 BACK to previous menu

GMT XXX XX XX:XX

ADV: xxx:xx:xx:xx csac > CSAC initialization complete
CNTL: csacrest

F1 = REAR F2 = TOP F3 = HRT F4 = ADVS F5 = HST

PROCEDURE

- To restart CSAC by number:

--Type 2.

- Observe ADVS: xxx:xx:xx:xx csac > CSAC initialization complete

OR

- To restart CSAC by letter:

--Type R.

--Press <RETURN>.

- Observe ADVS: xxx:xx:xx:xx csac > CSAC initialization complete

PROCEDURE (Cont.)

- To restart CSAC by command:
--Type csacrestart or csacrest.
--Press <RETURN>.
- Observe ADVS: xxx:xx:xx:xx csac > CSAC initialization complete

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DESCRIPTION

- HALT CSAC PROCEDURE

Halts CSAC:

Stops CSAC and all related processes.

Workstations placed in local control mode.

DISPLAY

Display is CSAC Master Menu
Menu name is: csac

Enter the number or letter of your selection:
1 Start CSAC
2 Restart CSAC
3 Halt CSAC
4 New control web or nhd
5 Print name of current web or nhd
6 Display CSAC report options
7 CSAC commands
8 BACK to previous menu

ADVS: xxx:xx:xx:xx csac > CSAC halted
CNTL: csach
F1 = RETN F2 = TOP F3 = RPT F4 = ADVS F5 = HUIT
GMT XXX:XX:XX:XX

PROCEDURE

- To halt CSAC by number:
--Type 3.
- Observe ADVS: xxx:xx:xx:xx csac > CSAC halted

OR

- To halt CSAC by letter:
Type H.
Press <RETURN>.
- Observe ADVS: xxx:xx:xx:xx csac > CSAC halted

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PROCEDURE (Cont.)

- To halt CSAC by command:
 - Type esachalt or csach.
 - Press <RETURN>.
- Observe ADVS: xxx:xx:xx csac > CSAC halted

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● NEW CONTROL W/S PROCEDURE

Designates a new workstation as control workstation:

SECTION 2 SUPERVISOR PROCEDURES

CSAC workstation processes CSAC and user I/F commands only.

SECTION 3 LOGGING PROCEDURES

All other commands are routed to control workstation.

SECTION 4 DELOGGING PROCEDURES

--Command Syntax:

SECTION 5 REAL-TIME PROCEDURES

control (name of workstation).

SECTION 6 ERROR MESSAGES

DISPLAY

Display is CSAC Master Menu
Menu Name: CSAC

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Exit CSAC
- 4 New control w/s or nnd
- 5 Print name of current w/s or nnd
- 6 Display CSAC report options
- 7 CSAC commands
- 8 BACK to previous menu

ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)
Enter name of workstation to control: (1~9 chars =):
CNTL: control

F1 = REEF F2 = TOP F3 = RPT F4 = ADVS F5 = HIST

PROCEDURE

- To designate a new control workstation:
 - Type 4.
- Observe P/R line: Enter name of workstation to control: (1~9 chars =):
 - Type (name of workstation).
 - Press <RETURN>.
- Observe ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)

ORIGINAL PAGE IS
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PROCEDURE (Cont.)

OR

- To designate a new control workstation:
 - Type N.
- Observe P/R line: Enter name of workstation to control: (1~9 chars =):
 - Type (name of workstation).
 - Press <RETURN>
- Observe ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)

OR

- Type control (name of workstation).
 - Press <RETURN>.
- Observe ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)

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PROCEDURES	<ul style="list-style-type: none"> ● PRINT CONTROL WS PROCEDURE Generates advisory message listing current control workstation.

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Display is CSAC Master Menu
w/1 Menu name is CSAC

GMT: AXX:YY:XX:XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control workstation
- 5 Print name of current control w/s or ndd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)

CNTL: printcon

F1 = REEF F2 = TOP F3 = RPT F4 = ADVS F5 = HIST

PROCEDURE

- To show name of current control workstation:
--Type 5.
 - Observe ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)
- OR
- Type P.
--Press <RETURN>.
 - Observe ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)

PROCEDURE (Cont.)

OR

- To show name of current control workstation:
--Type printcontrolws (name of workstation) or printcon (name of workstation).
--Press <RETURN>.
- Observe ADVS: xxx:xx:xx:xx csac > Current control workstation is (workstation name)

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DFE **● DISPLAY REPORT PROCEDURE**

Calls up report menu.

Report menu lists reports available in CSAC.

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DISPLAY

Display is CSAC Master Menu
WYSI Menu Name is 'CSAC'

GMT YXX XX XX XX

Enter the number or letter of your selection

1 Start CSAC
2 Return CSAC
3 Halt CSAC
4 New control w/o to add
5 Print name of current w/o or add
6 Display Reports
7 CSAC commands
0 BACK to previous menu

ADVS:

CNTL: menu csac rpt

F1 = REPT F2 = TOP F3 = RPT F4 = ADVS F5 = HIST

PROCEDURE

- To call up report menu:
--Type 6.
 - Observe report menu appears on screen.
- OR
- Type D.
--Press <RETURN>.
 - Observe report menu appears on screen.

PROCEDURE (Cont.)**OR**

- To call up report menu:
 - Type menu csacript.
 - Press <RETURN>.
- Observe report menu appears on screen.

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- Report Menu.

Lists reports available in CSAC.

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PROCEDURE

(None).

DISPLAY

Display is CSAC Report Menu
ws1 Menu name is 'csacprt'

Enter the number or letter of your selection:

1 Data Stream

2 NDD Summary Report

3 Overall Network Report

4 System Status Report

5 Workstation Summary Report

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX:XX

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**DATA STREAM SUMMARY
REPORT PROCEDURE**

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- DATA STREAM SUMMARY REPORT PROCEDURE

Generates a data stream summary report.

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DISPLAY

Display is CSAC Report Menu
Menu name is "csacpr"

Enter the number or letter of your selection:

1 Data Stream
2 NDD Summary Report
3 Overall Network Report
4 System Status Report
5 Workstation Summary Report
0 BACK to previous menu

ADVS: F1 = REPR F2 = TOP F3 = REPT F4 = ADVS F5 = HIST
CNTL:

GMT XXX.XX.XX:XX

PROCEDURE

- To call up data stream summary report:
 - Type 1.
- Observe P/R line: Enter flight ID of data stream (1~12 chars =):
 - Type (flight ID).
 - Press <RETURN>.
- Observe P/R line: Enter data stream tag (1~12chars =):
 - Type (data stream tag).
 - Press <RETURN>.
- Observe data stream summary report appears on screen.

PROCEDURE (Cont.)

OR

- To call up data stream summary report:
--Type D.
--Press <RETURN>.
- Observe P/R line: Enter flight ID of data stream (1~12 chars =):
--Type (flight ID).
--Press <RETURN>.
- Observe P/R line: Enter data stream tag (1~12chars =):
--Type (data stream tag).
--Press <RETURN>.
- Observe data stream summary report appears on screen.

OR

- To call up data stream summary report:
--Type data (flight Id) (data stream tag).
--Press <RETURN>.
- Observe data stream summary report appears on screen.

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- Data Summary Report

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Lists all workstations associated with a specific data stream:

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Data quality and workstation overall health displayed for each node.

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Used to monitor a specific data flow path.

SECTION 4
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Tables on next page define data quality and health codes used in report.

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PROCEDURE

(None).

DISPLAY

Display is report /cas/reports/DATA_SUMMARY

ws1 Top line on screen is line 1

CAS ws1 DATA STREAM SUMMARY REPORT Updated: xxx:xx:xx:xx

Control: ws1

Flight ID: 51-E

Data Tag: SIM

LAN Node

ws1

ndd2

Data Quality

MARGINAL

GOOD

Overall Health

MARGINAL

GOOD

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DATA QUALITY CODES	
CODE	DEFINITION
OK	Data values in data stream are within accepted limits.
MARGINAL	Data values in data stream are exceeding limits but most data values are acceptable.
UNACCEPT- ABLE	Too many data values in data stream are exceeding limits.
LOS	Data stream paused due to normal loss of signal.

HEALTH CODES	
CODE	DEFINITION
OK	Health of workstation is good with no reported problems.
MARGINAL	Workstation is able to function but there are problems with one or more applications.
TRANSITION	Workstation sent initialization message to CSAC but first status message has not been received.
FAILURE	Workstation reported all applications have failed or status message was not received within timeout period.
UNKNOWN	Status message not received from workstation within timeout period and workstation has not responded to request for status.

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- NDD SUMMARY REPORT PROCEDURE

Generates a report showing status of all active NDD workstations.

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DISPLAY

Display is CSAC Report Menu
WST Menu Name & Keypress

Enter the number or letter of your selection:

1 Data Stream
2 NDD Summary Report
3 Overall Network Report
4 System Status Report
5 Workstation Summary Report
6 BACK to previous menu

GMT XXX-XX-XX.XX

ADV5: F3=REFR F2=TOP F7=RPRT F4=ADV5 F5=HIST
CHTL:

PROCEDURE

- To call up NDD summary report:
--Type 2.
- Observe NDD summary report appears on screen.

OR

- To call up NDD summary report:
--Type N.
- Press <RETURN>.
- Observe NDD summary report appears on screen.

PROCEDURE (Cont.)**OR**

- Type nddreport or nddrep.
- Press <RETURN>.
- Observe NDD summary report appears on screen.

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- NDD Summary Report

Generates a report showing status of all active NDD workstations:

Lists overall health, flight ID number, data stream tag, and data quality value for each active NDD workstation.

DISPLAY

Display is report '/cas/reports/NDD_SUMMARY'

ws1 Top line on screen is line 1

CAS NDD SUMMARY REPORT

Control: ws1

Updated: xxx:xx:xx:xx

GMT XXX:XX:XX:XX

NDD: ndd3

Health: GOOD

Mode: GOOD

Flt Id: 51-E

Data Tag: RT

Data Qual: GOOD

NDD: ndd4

Health: GOOD

Mode: GOOD

Flt Id: 51-E

Data Tag: RT

Data Qual: GOOD

NDD: ndd1

Health: MARGINAL

Mode: 61-D

Flt Id: SIM

Data Tag: MARGINAL

Data Qual: MARGINAL

NDD: ndd2

Health: GOOD

Mode: 51-E

Flt Id: PB1

Data Tag: GOOD

Data Qual: GOOD

NDD: ndd9

Health: FAILED

Mode: 51-E

Flt Id: PB1

Data Tag: GOOD

Data Qual: GOOD

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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(None).

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DESCRIPTION

- OVERALL NETWORK REPORT
PROCEDURE

Generates a listing of all workstations (nodes)
on LAN that CSAC can control.

DISPLAY

Display is CSAC Report Menu
ws1 Menu name is /csacprt

Enter the number or letter of your selection:
1 Data Stream
2 NIDS Summary Report
3 Overall Network Report
4 System Status Report
5 Workstation Summary Report
0 BACK to previous menu

GMTXXXX-XX-XX-XX
ADV5: CNTL:net
F1=QUIT F2=TOP F3=REPORT F4=ADV5 F5=HIST

PROCEDURE

- To call up overall network report:
--Type 3.
 - Observe overall network report appears on screen.
- OR
- Type 0.
--Press <RETURN>.
 - Observe overall network report appears on screen.

PROCEDURE (Cont.)

OR

- To call up overall network report:
 - Type networkreport or net.
- Observe overall network report appears on screen.

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● Overall Network Report

Lists all workstations CSAC can control:

- If a workstation has not responded to any commands, workstation is listed as **OFF-LINE** mode.
- If workstation is in **LOCAL** mode, advisory messages are sent to CSAC for display on screen of workstation currently running CSAC.
- If workstation is in **REMOTE** mode, advisory messages are sent to control workstation (workstation initialized to interface all other workstations to processors).

PROCEDURE

(None).

DISPLAY

Display is report 'cas/reports/NET_SUMMARY'
ws1 Top line on screen is line 1

GMT XXX:XX:XX:XX

CAS OVERALL NETWORK SUMMARY

Control: ws1

LAN Node	Overall Health	Stream_1 Data Qual.	Stream_2 Data Qual.	Mode
ws1	OK	OK	OK	REMOTE
ws2	MARGINAL	MARGINAL	MARGINAL	REMOTE
ndd1	OK			REMOTE
ndd2	MARGINAL	FAILED		REMOTE
ndd3	OK			LOCAL
ndd4				OFF-LINE
ndd9	OK			REMOTE

Updated: xxx:xx:xx:xx

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

**SYSTEM STATUS
REPORT PROCEDURES**

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● SYSTEM STATUS REPORT PROCEDURE

Generates a listing of overall system status.

DISPLAY

Display is CSAC Report Menu
Host: Manu name is 'clasp1'

Enter the number or letter of your selection.

- 1 Data Stream
- 2 HDD Summary Report
- 3 Overall Network Report
- 4 System Status Report
- 5 Workstation Summary Report
- 0 BACK to previous menu

ADV5: CNTL: sys

F1=REIN F2=TOP F3=RPRT F4=ADVS F5=HIST

PROCEDURE

- To call up system status report:
--Type 4.
 - Observe system status report appears on screen.
- OR
- Type S.
--Press <RETURN>.
 - Observe system status report appears on screen.

PROCEDURE (Cont.)

OR

- To call up system status report:
--Type systemreport or sys.
- Observe overall system status appears on screen.

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- System Status Report

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Lists overall system status.

DISPLAY

Display is report '/cas/reports/SYS_REPORT'

ws1 Top line on screen is line 1

CAS ws1 SYSTEM STATUS REPORT Updated: xxx:xx:xx:xx

Control: ws1

system name: cas

user mode: LOCAL

init time: 218:14:19:05

system health: OK

time stamp: 218:14:21:11

pause mode: OFF

num of nodes: 2

node name: ndd2

node name: ndd1

ADVS:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

(None).

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**WORKSTATION SUMMARY
REPORT PROCEDURE**

CHAPT 5 DFE	DESCRIPTION
<ul style="list-style-type: none"> ● WORKSTATION SUMMARY REPORT PROCEDURE 	<p>Generates a listing of status of workstations currently active in system.</p>

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DISPLAY

Display is CSAC Report Menu

Menu name is 'casrpt'

GMT XXX.XX.XX.XX

Enter the number or letter of your selection.

1 Data Stream

2 NDD Summary Report

3 Overall Network Report

4 System Status Report

5 Workstation Summary Report

0 BACK to previous menu

ADVS

CNTL:ws

F1=MENU F2=TOP F3=HPRT F4=ADVS F5=HIST

PROCEDURE

- To call up workstation summary report:
--Type 5.
 - Observe workstation summary report appears on screen.
- OR
- Type W.
--Press <RETURN>.
 - Observe workstation summary report appears on screen.

PROCEDURE (Cont.)

OR

- To call up workstation summary report:
 - -Type wsreport or ws.
- Observe overall workstation summary report appears on screen.

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- Workstation Summary Report

Lists status of currently active workstations in system:

Contains flight and data quality currently processed by each workstation.

Displays status of each active application within workstation.

DISPLAY

Display is report '/cas/reports/WS_SUMMARY'										GMT XXX:XX:XX:XX																																							
ws1										Top line on screen is line 1																																							

CAS WORKSTATION SUMMARY REPORT Updated:xxx:xx:xx																																																	

Control: ws1																																																	
Workstation: ws1					Workstation: ws2																																												
Health: GOOD					Health: GOOD																																												
Mode:					Mode:																																												
FLT ID		DATA TAG		DATA QUAL		FLT ID		DATA TAG		DATA QUAL		FLT ID		DATA TAG		DATA QUAL																																	
51-F		RT		GOOD		51-F		PB1		MARGINAL		61-G		SIM		GOOD																																	
APPLICATION					HEALTH					APPLICATION					HEALTH																																		
support					GOOD					support					GOOD																																		
csac					GOOD					ancillary					MARGINAL																																		
ancillary					GOOD					mission_plan					GOOD																																		

ADVS:																																																	
CNTL:																																																	
F1 = REFR										F2 = TOP										F3 = RPRT										F4 = ADVS										F5 = HIST									

PROCEDURE

(None).

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**BACK TO PREVIOUS
MENU PROCEDURE**

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DISPLAY

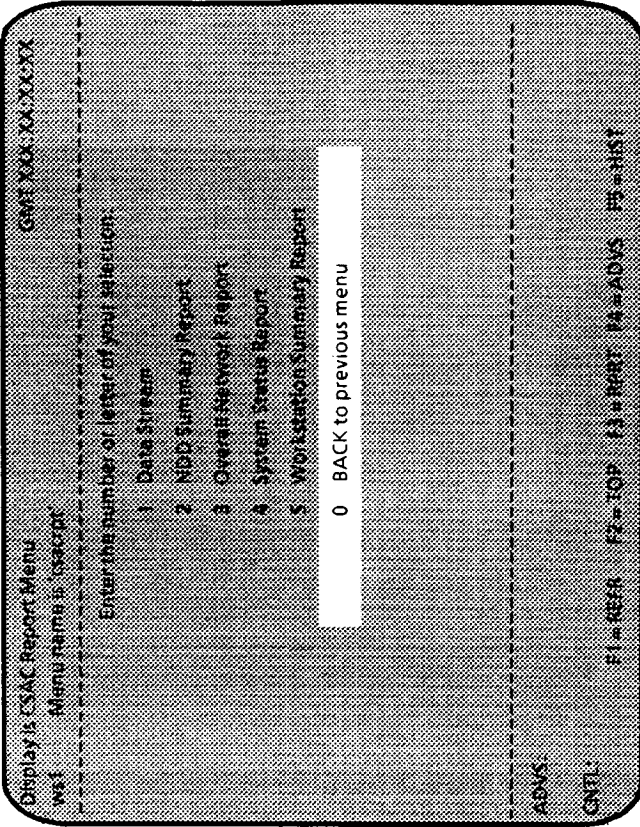
PROCEDURES

- BACK TO PREVIOUS MENU PROCEDURE

Calls up menu, in menu hierarchy, previous to one currently displayed.

In this case, previous menu is CSAC master menu.

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PROCEDURE

- To call up previous menu:
--Type 0.
- Observe CSAC master menu appears on screen.

OR

- Type B.
- Press <RETURN>.
- Observe CSAC master menu appears on screen.

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**CALLING UP CSAC COMMAND
MENU PROCEDURE**

CHAPT 5 DFE	DESCRIPTION
PROCEDURES	<ul style="list-style-type: none"> ● CALLING UP CSAC COMMAND MENU PROCEDURE
SECTION 1 CSAC PROCEDURES	Lists command options available in CSAC.

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DISPLAY

Display is CSAC Master Menu
Menu name is CSAC

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control wds or rdd
- 5 Print name of current wds or rdd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVIS: CNTL: menu csaccmd

F1 = REPR F2 = TOP F3 = PRRT F4 = ADYS F5 = HIST

PROCEDURE

OR

- To call up CSAC command menu:
 - Type C.
 - Press <RETURN>.
- Observe CSAC command menu appears on screen.
- To call up CSAC command menu:
 - Type C.
 - Press <RETURN>.
- Observe CSAC command menu appears on screen.

PROCEDURE (Cont.)**OR**

- To call up CSAC command menu:
 - Type menu csaccmd.
 - Press <RETURN>.
- Observe CSAC command menu appears on screen.

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- CSAC Command Menu

Lists CSAC options.

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DISPLAY

Display is CSAC Command Menu
ws1 Menu name is 'csaccmd'

Enter the number or letter of your selection:

1 Local mode
2 Remote mode
3 Send updated status message
4 Pause CSAC processing
5 Continue [resume] CSAC processing
6 Adjust workstation time
0 BACK to previous menu

ADVS:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX:XX

PROCEDURE

- To select an option, type appropriate number or command as presented in following procedures.

**LOCAL MODE
PROCEDURE**

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SECTION 1 CSAC PROCEDURES

- LOCAL MODE PROCEDURE

Places specified workstations in local mode:

SECTION 2 SUPERVISOR PROCEDURES

In local mode, health and status process no longer sends a copy of urgent advisories to CSAC.

SECTION 3 LOGGING PROCEDURES

SECTION 4 DELOGGING PROCEDURES

SECTION 5 REAL TIME PROCEDURES

SECTION 6 ERROR MESSAGES

DISPLAY

Display is CSAC Command Menu
wst1 Menu name is 'Clockand'

Enter the number or letter of your selection:

- 1 Local mode
- 2 Remote mode
- 3 Send updated status message
- 4 Pause CSAC processing
- 5 Continue/resume CSAC processing
- 6 Adjust workstation time
- 0 BACK to previous menu

GMT XXX-XX-XX XX:XX

Enter w/s or ndd name (1~9 chars =):
CNTL: local

F1=MENU F2=TOP F3=PRST F4=ADVS F5=HIST

PROCEDURE

- To place workstation in local mode:
--Type 1.
- Observe P/R line: Enter w/s or ndd name (1~9 chars =):
--Type (workstation name).
--Press <RETURN>.

PROCEDURE (Cont.)

OR

- To place a workstation in local mode:
--Type L.
- Observe P/R line: Enter w/s or ndd name (1~9 chars =):
--Type (workstation name).
--Press <RETURN>.

- To place all workstations in local mode:

--Type L.

- Observe P/R line: Enter w/s or ndd name (1~9 chars =):
--Press <RETURN>.
--Type all.

OR

- To place a workstation in local mode:
--Type local (workstation name).
--Press <RETURN>.

- To place all workstations in local mode:
--Type localall.
--Press <RETURN>.

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● REMOTE MODE PROCEDURE

Places specified workstations in remote mode:

In remote mode, health and status process sends a copy of all urgent advisories to CSAC.

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DISPLAY

Display is CSAC Command Menu
Menu Name: CSACcmd

Enter the number or letter of your selection:

1 Local mode
2 Remote mode
3 Send updated status message
4 Pause CSAC processing
5 Continue (resume) CSAC processing
6 Adjust workstation time
0 BACK to previous menu

GMT: 0000-00-00 00:00:00

Enter w/s or ndd name (1~9 chars = all):
CNTL: remote

F1 = REFA F2 = TOP F3 = RPT F4 = ADV F5 = HIST

PROCEDURE

- To place a workstation in remote mode:
--Type 2.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
--Type (workstation name).
--Press <RETURN>.
- To place all workstations in remote mode:
--Type 2.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
--Press <RETURN>.

PROCEDURE (Cont.)

OR

- To place a workstation in remote mode:
- Type R.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
--Type (workstation name).
--Press <RETURN>.

- To place all workstations in remote mode:
--Type R.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
--Press <RETURN>.

OR

- To place a workstation in remote mode:
--Type remote (workstation name).
--Press <RETURN>.
- To place all workstations in remote mode:
--Type remoteall.
--Press <RETURN>.

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● SEND UPDATED STATUS PROCEDURE

Requests current status from specified workstation:

Status updated in minutes unless condition deteriorates rapidly.

CSAC tables updated to reflect current status.

DISPLAY

Display is CSAC Command Menu
Host: _____
Manu name is "iscand"

Enter the number or letter of your selection:
1 Local mode
2 Remote mode
3 Send updated status message
4 Pause CSAC processing
5 Continue (resume) CSAC processing
6 Adjust workstation time
0 BACK to previous menu

GMT XXX.XX.XX.XX

ADVIS:
Enter w/s or ndd name (1~9 chars = all):
CNTL: sendstat.

F1 = REPR F2 = TOP F3 = REPR F4 = ADVS F5 = HWT

PROCEDURE

- To request updated status:
--Type 3.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
--Type (workstation name).
--Press <RETURN>.
- To request update status from all workstations:
--Type 3.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
--Press <RETURN>.

PROCEDURE (Cont.)

OR

- To request updated status from a workstation:
- Type S.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
 --Type (workstation name).
 --Press <RETURN>.

- To request status from all workstations:
 --Type S.
- Observe P/R line: Enter w/s or ndd name (1~9 chars = all):
 --Press <RETURN>.

OR

- To request status from a workstation:
 --Type sendstat (workstation name).
 --Press <RETURN>.
- To request status from all workstations:
 --Type sendstat.
 --Press <RETURN>.

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DESCRIPTION

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- PAUSE CSAC PROCEDURE

Causes CSAC processing to pause:

CSAC pause command is used for a time critical operation that must be performed for a short period of time. In pause mode, CSAC requires less CPU time to operate.

CSAC still reads messages received, however does not process messages.

CSAC remains in pause mode until a CSAC resume or CSAC halt command is received. All other commands are ignored.

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DISPLAY

Display is CSAC Command Menu
Menu name is CSACmd

Enter the number or letter of your selection:

- 1 Local mode
- 2 Remote mode
- 3 Send updated status message
- 4 Pause CSAC processing
- 5 Continue (resume) CSAC processing
- 6 Adjust workstation time
- 0 BACK to previous menu

ADWS

CNTL: csacp F1 = REFA F2 = TOP F3 = RPT F4 = ADVS F5 = HST

GMT XXX.XX.XX

PROCEDURE

- To place CSAC in pause mode:

--Type 4.

OR

- To place CSAC in pause mode:

--Type P.

--Press <RETURN>.

OR

- To place CSAC in pause mode:

--Type csacpause or csacp.

--Press <RETURN>.

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**CONTINUE CSAC
PROCESSING PROCEDURE**

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PROCEDURES	<ul style="list-style-type: none"> CONTINUE CSAC PROCESSING PROCEDURE
SECTION 1 CSAC PROCEDURES	Resumes CSAC processing after a CSAC pause command.

SECTION 2 SUPERVISOR PROCEDURES
SECTION 3 DELOGGING PROCEDURES
SECTION 4 DELOGGING PROCEDURES
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DISPLAY

Display is CSAC Command Menu
Menu name is 'cascmd'

Enter the number or letter of your selection:

1 Local mode
2 Remote mode
3 Send updated status message
4 Pause CSAC processing
5 Continue (resume) CSAC processing
6 Adjust workstation time
0 BACK to previous menu

ADVS:

CNTL: csacresu

F1 = REPR F2 = TOP F3 = REPR F4 = ADVS F5 = HIST

GMT XXX-XX-XX-XX

PROCEDURE

- To resume CSAC processing:
--Type 5.
 - To resume CSAC processing:
--Type C.
--Press <RETURN>.
- OR
- To resume CSAC processing:
--Type csacresu or csacresu.
--Press <RETURN>.

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**ADJUST WORKSTATION
TIME PROCEDURE**

CHAPT 5	DESCRIPTION
DFE	
PROCEDURES	<ul style="list-style-type: none"> ● ADJUST WORKSTATION TIME PROCEDURE
SECTION 1 CSAC PROCEDURES	Adjusts time in all workstations.
SECTION 2 SUPERVISOR PROCEDURES	CSAC changes date and time registers in workstation on which CSAC is running.
SECTION 3 LOGGING PROCEDURES	An adjust time command is sent to each workstation so all workstations are within a few seconds of each other.
SECTION 4 DELOGGING PROCEDURES	
SECTION 5 REAL TIME PROCEDURES	
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DISPLAY

Display is CSAC Command Menu
 Was 1 Menu name is 'csaccmd'

Enter the number or letter of your selection:

- 1 Local mode
- 2 Remote mode
- 3 Send updated status message
- 4 Pause CSAC processing
- 5 Continue [resume] CSAC processing
- 6 Adjust workstation time
- 0 BACK to previous menu

ADV5:

Enter time = date and time 'mmdhhmmyy' (1 ~ 10 chars =):
 CNTL: setwstime

F1 = REPT F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX XX XXX XX

PROCEDURE

Example:

- To adjust time:
 --Type 6.
 - Observe P/R line: Enter time = date and time
 'mmdhhmmyy' (1~10 chars =):
 --Type (month and day in numerics)(hour and minutes in military local time)(last two digits of year).
- Example: August 23, 1985 at 2:45 pm is entered as
 0823144585
- Press <RETURN>.
- Observe GMT changes to equivalent ddd:hh:mm:ss display.
- Example: 235:14:45:XX

PROCEDURE (Cont.)

OR

- To adjust time:
--Type A.
- Observe P/R line: Enter time = date and time 'mmdhhmmy' (1~10 chars =):
--Type (month and day in numerics)(hour and minutes in military local time)(last two digits of year).
--Press <RETURN>.
- Observe GMT changes to equivalent ddd:hh:mm:ss display.

OR

- To adjust time:
--Type setwtime (month and day in numerics)(hour and minutes in military local time)(last two digits of year)
--Press <RETURN>.
- Observe GMT changes to equivalent ddd:hh:mm:ss display.

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CHAPTER 5 DFE	DESCRIPTION
PROCEDURES	<ul style="list-style-type: none"> ● BACK TO PREVIOUS MENU PROCEDURE
SECTION 1 CSAC PROCEDURES	Calls up menu, in the menu hierarchy, previous to one currently displayed.
SECTION 2 SUPERVISOR PROCEDURES	In this case, previous menu is CSAC master menu.
SECTION 3 LOGGING PROCEDURES	
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DISPLAY

Display is CSAC Command Menu

Menu name is: csaccmd

Enter the number or letter of your selection:

- 1 Local mode
- 2 Remote mode
- 3 Send updated status message
- 4 Pause CSAC processing
- 5 Continue (resume) CSAC processing
- 6 Adjust work station time
- 0 BACK to previous menu

ADVS

CNTRL

F1=REPT F2=TOP F3=RPRT F4=ADVS F5=HIST

GMT 000.00.00.00.00.00

PROCEDURE

- To call up previous menu:
 - Type 0.
 - Observe CSAC master menu appears on screen.
- OR
- Type B.
 - Press <RETURN>.
 - Observe CSAC master menu appears on screen.

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**SECTION 2
SUPERVISOR PROCEDURES**

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SUPERVISOR COMMANDS

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- Supervisor Commands

Supervisor commands are executable from any menu in CSAC.

Command Syntax

All commands are in lowercase.

DISPLAY

Display is CSAC Master Menu
ws1
Menu name is 'csac'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control w/s or ndd
- 5 Print name of current w/s or ndd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To execute supervisor commands, type commands and parameters as directed in following procedures.

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START PROCESS
PROCEDURE

CHAPTER 5 DFE PROCEDURES	DESCRIPTION
SECTION 1 CSAC PROCEDURES	<ul style="list-style-type: none"> ● START PROCESS PROCEDURE
SECTION 2 SUPERVISOR PROCEDURES	<p>Starts specified process.</p> <p>Up to 13 initialization parameters may be passed to process.</p>
SECTION 3 LOGGING PROCEDURES	
SECTION 4 DELOGGING PROCEDURES	
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DISPLAY

Display is CSAC Master Menu
ws1
Menu name is 'csac'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control w/s or ndd
- 5 Print name of current w/s or ndd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVS:

CNTL: start F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To start specified process:
 - Type start.
 - Press <RETURN>.
- Observe P/R line: Enter APPLICATION (1~15 chars =):
 - Type (application name).
 - Press <RETURN>.
- Observe P/R line: Enter PROCESS (1~15 chars =):
 - Type (process name).
 - Press <RETURN>.
 - Type (initialization parameters).
 - Press <RETURN>.

PROCEDURE (Cont.)

OR

- To start a specified process:

--Type start (application name) (process name) (initialization parameters).

--Press <RETURN>.

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● HALT PROCESS PROCEDURE

Halts specified process:

Upon receipt of halt command, process performs graceful shutdown of all functions, followed by a normal termination.

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DISPLAY

Display is CSAC Master Menu
 ws1 Menu name is 'csac'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Start CSAC
 2 Restart CSAC
 3 Halt CSAC
 4 New control w/s or ndd
 5 Print name of current w/s or ndd
 6 Display CSAC report options
 7 CSAC commands
 0 BACK to previous menu

ADVS:

CNTL:haltproc F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To halt specified process:
 - Type haltproc.
 - Press <RETURN>.
- Observe P/R line: Enter application (1~15 chars =):
 - Type (application name).
 - Press <RETURN>.
- Observe P/R line: Enter process (1~15 chars =):
 - Type (process name).
 - Press <RETURN>.

PROCEDURE (cont.)

OR

- To halt a specified process:

--Type haltp (application name) (process name).

--Press <RETURN>.

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● RESTART PROCESS PROCEDURE

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ERROR MESSAGES

Restarts specified process:

Upon receipt of restart command, process gracefully halts current operation and performs a warm restart.

DISPLAY

Display is CSAC Master Menu
ws1 Menu name is 'csac'

GMT XXX.XX:XX:XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control w/s or ndd
- 5 Print name of current w/s or ndd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVS:

CNTL: restart

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To restart specified process:
 - Type restart.
 - Press <RETURN>.
- Observe P/R line: Enter application (1~15 chars =):
 - Type (application name).
 - Press <RETURN>.
- Observe P/R line: Enter process (1~15 chars =):
 - Type (process name).
 - Press <RETURN>.

PROCEDURE (cont.)**OR**

- To restart a specified process:

--Type rest (application name) (process name).

--Press <RETURN>.

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● ABORT PROCESS PROCEDURE

Aborts specified process:

Since this termination is not graceful, abort command should only be used when all other attempts to halt process have failed.

An aborted process results in abnormal termination advisories being issued.

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DISPLAY

Display is CSAC Master Menu
ws1
Menu name is 'csac'

GMT XXX.XX.XX:XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control w/s or nnd
- 5 Print name of current w/s or nnd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVS:

CNTL: abort

F1 = REFR
F2 = TOP
F3 = RPRT
F4 = ADVS
F5 = HIST

PROCEDURE

- To abort a process:
 - Type abort.
 - Press <RETURN>.
- Observe P/R line: Enter application (1~15 chars =):
 - Type (application name).
 - Press <RETURN>.
- Observe P/R line: Enter process (1~15 chars =):
 - Type (process name).
 - Press <RETURN>.

PROCEDURE (cont.)**OR**

- To abort a process:

--Type ab (application name) (process name).

--Press <RETURN>.

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● EXIT SUPERVISOR PROCEDURE

Sends a halt command to all active processes:

Processes are given 20 seconds to halt, if they do not halt, supervisor aborts them.

User interface and health status processes are halted after all other processes have terminated.

Once all processes have terminated, supervisor cleans up files and then halts.

Comments:

Any process that requires more than 20 seconds to gracefully halt (i.e. mission planning) should be halted first. Then exit command can be used.

PROCEDURE

- To exit supervisor:
--Type exit.
--Press <RETURN>.

DISPLAY

Display is CSAC Master Menu
 ws1 Menu name is 'csac'

GMT XXX:XX:XX.XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control w/s or ndd
- 5 Print name of current w/s or ndd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVS:

CNTL:exit

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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**SUPERVISOR ABNORMAL
TERMINATION CODES**

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DESCRIPTION

- **SUPERVISOR ABNORMAL TERMINATION CODES**

Whenever a process is aborted or halts other than gracefully, abnormal termination codes are generated. These codes are used as information in discrepancy reports.

--Code format:

0xyy

0 = First digit of all codes.

x = 0-when no core image was produced. Zero does not appear.

2-when a core image was produced.

yy = Code. Refer to supervisor abnormal termination codes on following pages.

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DISPLAY

Display is CSAC Master Menu
ws1 Menu name is 'csac'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Start CSAC
- 2 Restart CSAC
- 3 Halt CSAC
- 4 New control w/s or ndd
- 5 Print name of current w/s or ndd
- 6 Display CSAC report options
- 7 CSAC commands
- 0 BACK to previous menu

ADVS:xxx:xx:xx:xx supervisor > appl = (application name), proc = (process name) has terminated (ws name if not CSAC) supervisor abnormal termination status = oxyy
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- Call software support.

CODE	SIGNAL NAME	DESCRIPTION	CODE	SIGNAL NAME	DESCRIPTION
01	SIGHUP	Hangup	13	SIGSEGV	Segmentation Violation
02	SIGINT	Interrupt	14	SIGSYS	Bad Argument to System Call
03	SIGQUIT	Quit	15	SIGPIPE	Write on Pipe With No One to Read
04	SIGILL	Illegal Instruction	16	SIGALARM	Alarm Clock
05	SIGTRAP	Trace Trap	17	SIGTERM	Software Termination Signal
06	SIGIOT	IOT Instruction	20	SIGUSR1	User Defined Signal 1
07	SIGEMT	EMT Instruction	21	SIGUSR2	User Defined Signal 2
10	SIGFPE	Floating Point Exception	22	SIGCLD	Death of a Child
11	SIGKILL	Kill	23	SIGPWR	Power Failure
12	SIGBUS	Bus Error	33	SIGXFSZ	File Size Limit Exceeded

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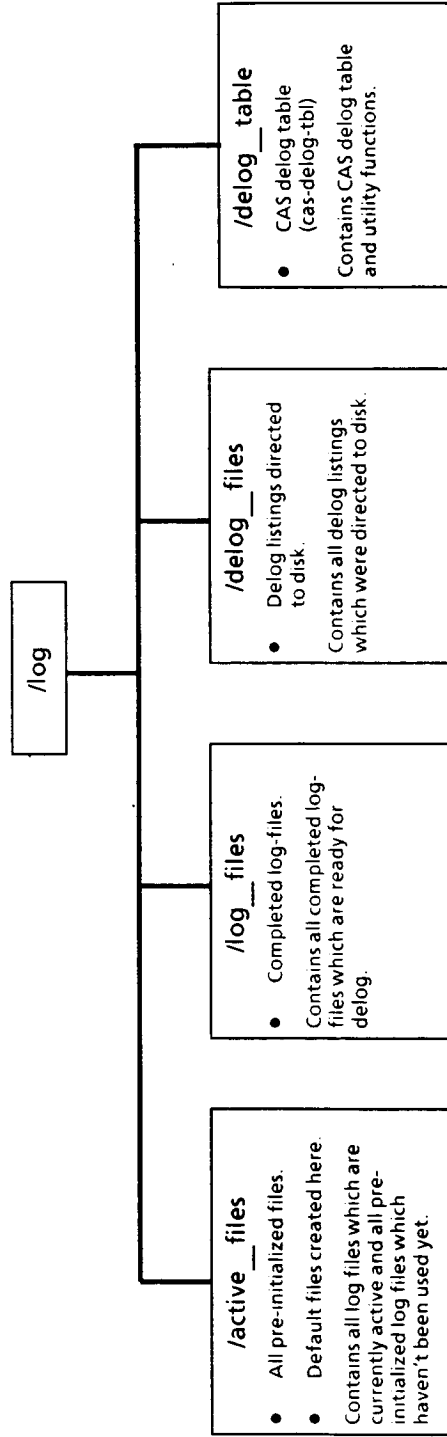
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LOG/DELOG FILE HIERARCHY

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LOG/DELOG FILE HIERARCHY



LOG/DELOG FILE HIERARCHY

The logger receives messages from the user interface, health and status, and central status and control processes.

These messages are logged in files (active_files) created by the user. The completed files (log_files) are stored on a medium selected by the user.

The delogger retrieves logged files (delog_files).

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CALLING UP LOGGING FUNCTIONS PROCEDURES

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- CALLING UP LOGGING FUNCTIONS PROCEDURES

Logging function stores information received from different processes for later retrieval.

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DISPLAY

Display is Workstation Master Menu
ws1

Menu name is 'master'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Real-time support
2 Health and status
3 Logging function
4 Delogging function
5 Mission planning
6 Checkout Software
7 Utilities

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up logging function menu:
--Type 3.
- Observe log menu appears on screen.

DESCRIPTION

- Log Menus

There are two logging menus.

One for CAS workstations and one for NDD workstations.

NDD workstation log menu appears on the next page.

DISPLAY

Display is Select Logging Application Process:
ws1 Menu name is 'log'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 General Logger

2 User Interface

3 Health and Status

4 Central Status and Control

5 Ancillary

6 Data Generator

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None)

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- Log Menu (Cont.)

NDD workstation log menu.

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PROCEDURE

(None).

DISPLAY

Display is Select Logging Application Process:
nnd1 Menu name is 'nlog'

Enter the number or letter of your selection:

1 General Logger

2 User Interface

3 Health and Status

4 Data Generator

5 Scoring

6 Network Data Driver

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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**CAS WORKSTATION
GENERAL LOGGER PROCEDURES**

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GENERAL LOGGER PROCEDURES

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PROCEDURE

- To select general logger for CAS workstations:
 - Observe CAS workstation log menu is shown.
 - Type 1.

- Observe CAS workstation general logger menu appears on screen.

DISPLAY

Display is Select Logging Application Process:

ws1

Menu name is 'log'

Enter the number or letter of your selection:

1 General Logger
 2 User Interface
 3 Health and Status
 4 Central Status and Control
 5 Ancillary
 6 Data Generator
 0 BACK to previous menu

GMT XXX:XX:XX.XX

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DESCRIPTION

- **GENERAL LOGGER PROCEDURES (Cont.)**

CAS workstation general logger menu.

DISPLAY

Display is Select General Logger Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'genlog'

Enter the number or letter of your selection:

- 1 Pre-initialize General Log Files
- 2 Switch General Log Files
- 3 Reinitialize General Logger
- 4 Halt General Logger
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: -----

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PROCEDURE

- (None)

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**PRE-INITIALIZE GENERAL LOG FILES PROCEDURE
(Applicable to CAS workstations only)**

DESCRIPTION

- PRE-INITIALIZE GENERAL LOG FILES PROCEDURE

This procedure applies to CAS workstations only.

DISPLAY

Display is Select General Logger Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'genlog'

Enter the number or letter of your selection:

1 Pre-initialize General Log Files

2 Switch General Log Files

3 Reinitialize General Logger

4 Halt General Logger

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To pre-initialize general log files:
--Type 1.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:
Enter LOG FILE DEVICE (0~1 = 1):

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DESCRIPTION

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- PRE-INITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to hard disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

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DISPLAY

Display is Select General Logger Function:
 ws1 Menu name is 'genlog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter LOG FILE DEVICE (0~1 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

2

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● **PRE-INITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)**

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

DISPLAY

Display is Select General Logger Function:
 ws1 Menu name is 'genlog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter NUMBER OF FILES (1~2 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX:XX

PROCEDURE

- To enter number of files to pre-initialize:
 --Type 1 or 2.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter LOG FILE NAME 1 (1~20 chars =):

DESCRIPTION

- **PRE-INITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)**

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select General Logger Function:
ws1 Menu name is 'genlog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 Floppy Disk
1 Disk

ADVS:
Enter LOG FILE NAME 1 (1~20 chars =):
CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

- PRE-INITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Specify file size, for log file 1, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of
data type.

DISPLAY

Display is Select General Logger Function:
 ws1 Menu name is 'genlog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
 --Type (number of bytes).
 --Press <RETURN>.
- To default to file size of data type:
 --Type 0.
 --Press <RETURN>.
- To observe following prompt appears on P/R line:
 Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

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DESCRIPTION

- PRE-INITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 1.

Maximum number of characters is 40.

DISPLAY

Display is Select General Logger Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'genlog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADV5:
Enter DELOG TITLE 1 (1~40 = 0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To enter delog title for log file 1:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

DESCRIPTION

CHAPTER 5 DFE PROCEDURES

- PRE-INITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF).

begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

Defaults to switching log file at end-of-file.

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PROCEDURE

- To switch log file 1 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
 - Enter LOG FILE NAME 2 (1~20 chars = /0):
- To send log file 1 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
 - Enter LOG FILE NAME 2 (1~20 chars = /0):

DISPLAY

Display is Select General Logger Function:
 ws1 Menu name is 'genlog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 SWITCH LOG FILE 1 ON EOF? (0~1 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX:XX

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

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DESCRIPTION

- **PRE-INITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)**

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

If only one log file was selected for preinitialization, press <RETURN> to cycle through prompts for log file 2.

DISPLAY

Display is Select General Logger Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'genlog'

SELECT BY NUMBER:

0 NO

1 YES

ADVS:
Enter LOG FILE NAME 2 (1~20 chars = 0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

DESCRIPTION

DISPLAY

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- PRE-INITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

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ERROR MESSAGES

Specify file size, for log file 2, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of
data type.

Display is Select General Logger Function:

ws1 Menu name is 'genlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 NO

1 YES

ADVS:

Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 - Type (number of bytes).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:

Enter DELOG TITLE 2 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:

Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

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DESCRIPTION

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- PRE-INITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

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DISPLAY

Display is Select General Logger Function:
ws1 Menu name is 'genlog'

SELECT BY NUMBER:
0 NO
1 YES

ADV5:
Enter DELOG TITLE 2 (1~40 = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter delog title for log file 2:
-- Enter (delog title).
-- Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DESCRIPTION

- PRE-INITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

Defaults to switching log file at end-of-file.

DISPLAY

Display is Select General Logger Function:		GMT XXX:XX:XX:XX
ws1	Menu name is 'genlog'	

SELECT BY NUMBER:		
0	NO	
1	YES	

ADVS:		
SWITCH LOG FILE 2 ON EOF? (0~1 = 1):		
CNTL:		
F1 = REFR	F2 = TOP	F3 = RPRT F4 = ADVS F5 = HIST

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- To switch log file 2 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe CAS workstation general logger menu appears.
- To send log file 2 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe CAS workstation general logger menu appears.

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SWITCHING GENERAL LOG FILES PROCEDURE
(Applicable to CAS workstations only)

DESCRIPTION

- **SWITCH GENERAL LOG FILES PROCEDURE**

These procedures apply to CAS workstation only.

DISPLAY

Display is Select General Logger Function:
ws1 Menu name is 'genlog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Pre-initialize General Log Files
- 2 Switch General Log Files
- 3 Reinitialize General Logger
- 4 Halt General Logger
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To switch general log files:
--Type 2.

- Observe immediately/end-of-file choices appear and following prompt appears on P/R line:

WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):

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PROCEDURES

- **SWITCH GENERAL LOG FILES PROCEDURE (Cont.)**

Switching log file at end-of-file (EOF) begins processing of a preinitialized file, if one exists. If a preinitialized file does not exist, processing begins a default file.

Defaults to switching log file immediately.

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PROCEDURE

- To switch log files immediately:
 - Type 0.
 - Press <RETURN>.
 - Observe CAS workstation general logger menu appears.

- To default to switching log files immediately:
 - Press <RETURN>.
 - Observe CAS workstation general logger menu appears.

DISPLAY

Display is Select General Logger Function:
 'ws1 Menu name is 'genlog'

 SELECT BY NUMBER:
 0 Immediately
 1 End of File

 ADVS:
 WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):
 CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE (Cont.)

- To switch log files at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe CAS workstation general logger menu appears.

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REINITIALIZE GENERAL LOGGER PROCEDURE
(Applicable to CAS workstations only)

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PROCEDURES

- REINITIALIZE GENERAL LOGGER PROCEDURE

This procedure applies to CAS workstation only.

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DISPLAY

Display is Select General Logger Function:
ws1 Menu name is 'genlog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Pre-initialize General Log Files
- 2 Switch General Log Files
- 3 Reinitialize General Logger
- 4 Halt General Logger
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To reinitialize general logger:
--Type 3.

- Observe reinitializing general logger advisory appears on advisory line.

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HALT GENERAL LOGGER PROCEDURE
(Applicable to CAS workstations only)

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● HALT GENERAL LOGGER PROCEDURE

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Closes out data type specific file and moves
file directory to /log/log_files.

PROCEDURE

- To halt general logger:
--Type 4.

- Observe halting general logger advisory appears on
advisory line.

DISPLAY

Display is Select General Logger Function:
ws1 Menu name is 'genlog'

Enter the number or letter of your selection:

1 Pre-initialize General Log Files

2 Switch General Log Files

3 Reinitialize General Logger

4 Halt General Logger

0 BACK to previous menu

GMT XXX:XX:XX:XX

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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**CAS WORKSTATION
USER INTERFACE LOG FILES PROCEDURES
(Applicable to CAS workstations only)**

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USER INTERFACE LOG FILES PROCEDURES

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- USER INTERFACE LOG FILES PROCEDURES

CAS workstation log menu.

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DISPLAY

Display is Select Logging Application Process: GMT XXX:XX:XX:XX

ws1 Menu name is 'log'

Enter the number or letter of your selection:

1 General Logger

2 User Interface

3 Health and Status

4 Central Status and Control

5 Ancillary

6 Data Generator

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select user interface log menu:
--Type 2.
- Observe user interface log menu appears.

DESCRIPTION

- **USER INTERFACE LOG FILES PROCEDURES (Cont.)**

User interface log menu.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'uiflog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of User Interface Messages
- 7 Disable Logging Of User Interface Messages
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: -----

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PROCEDURE

- (None).

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**LOG REINITIALIZATION PROCEDURE
(USER INTERFACE)**

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- LOG REINITIALIZATION PROCEDURE

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PROCEDURE

- To reinitialize log:
--Type 1.

DISPLAY

Display is Select User Interface Logging Function:
ws1 Menu name is 'uiflog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of User Interface Messages
- 7 Disable Logging Of User Interface Messages
- 0 BACK to previous menu

ADVS:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX:XX

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**PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE
(USER INTERFACE)**

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'uniflog'

Enter the number or letter of your selection:

1 Log Reinitialization

2 Preinitialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log File

5 General Log File To Data Type Specific Log File Switch

6 Enable Logging Of User Interface Messages

7 Disable Logging Of User Interface Messages

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To preinitialize a specific data type log file:
--Type 2.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:
Enter LOG FILE DEVICE (0 ~ 1 = 1):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

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DISPLAY

Display is Select User Interface Logging Function:

ws1
 GMT XXX:XX:XX.XX

 Menu name is 'uiflog'

SELECT BY NUMBER:

0 Floppy Disk
 1 Disk

ADVS:
 Enter LOG FILE DEVICE (0~1 = 1):
 CNTL:
 F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:

Enter NUMBER OF FILES (1~2 = 1):
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:

Enter NUMBER OF FILES (1~2 = 1):

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

Defaults to one log file.

DISPLAY

Display is Select User Interface Logging Function:
ws1 Menu name is 'uiflog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 Floppy Disk
1 Disk

ADV5:
Enter NUMBER OF FILES (1~2 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter number of files to pre-initialize:
--Type 1 or 2.
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 1 (1~20 chars =):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'uiflog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADV5:
Enter LOG FILE NAME 1 (1~20 chars =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 1, in bytes.

Maximum file size is 5M bytes.

Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select User Interface Logging Function:		GMT XXX:XX:XX:XX
ws1	Menu name is 'uiflog'	

SELECT BY NUMBER:		
0	Floppy Disk	
1	Disk	

ADVS: Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):		
CNTL:		
F1 = REFR	F2 = TOP	F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
 - Type number of bytes.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
--Press <RETURN>.
--Observe following prompt appears on P/R line:
Enter **DELOG TITLE 1 (1~40 = /0)**:

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 1.

Maximum number of characters is 40.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'uiflog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:

Enter DELOG TITLE 1 (1~40 = /0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter delog title for log file 1:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

DISPLAY

Display is Select User Interface Logging Function:
ws1 Menu name is 'uiflog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 NO
1 YES

ADVS:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log file 1 at end of file:
--Type 1.
--Press <RETURN>.
--Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):
- To send log file 1 to circular log:
--Type 0.
--Press <RETURN>.
--Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If only one log file was selected for preinitialization, press <RETURN> to cycle through prompts for log file 2.

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select User Interface Logging Function:		GMT XXX:XX:XX:XX
ws1	Menu name is 'uiflog'	

SELECT BY NUMBER:		
0	NO	
1	YES	

ADVS:		
Enter LOG FILE NAME 2 (1~20 chars = /0):		
CNTL:		
F1 = REFR	F2 = TOP	F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file name for log file 2:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 2, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'uiflog'

SELECT BY NUMBER:

0 NO

1 YES

ADVS:

Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 - Type number of bytes.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

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DISPLAY

Display is Select User Interface Logging Function:
ws1 Menu name is 'uiflog'

SELECT BY NUMBER:
0 NO
1 YES

ADV5:
Enter DELOG TITLE 2 (1~40 = /0):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADV5 F5 = HIST

PROCEDURE

- To enter delog title for log file 2:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

Defaults to switching log file at EOF.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX

ws1 Menu name is 'uiflog'

SELECT BY NUMBER:

0 NO

1 YES

ADVS: SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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- To switch log file 2 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe user interface log menu appears.
- To send log file 2 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe user interface log menu appears.

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**SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE
(USER INTERFACE)**

DESCRIPTION

- **SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE**

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'uiflog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of User Interface Messages
- 7 Disable Logging Of User Interface Messages
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To switch data type specific log files:
--Type 3.
- Observe following prompt appears on P/R line:
WHEN SHOULD LOG FILES BE SWITCHED? (0~1=0):

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DESCRIPTION

- SWITCH DATA TYPE SPECIFIC FILES
PROCEDURE (Cont.)

Switching log file at end-of-file (EOF) begins processing of a preinitialized file, if one exists. If a preinitialized file does not exist, begins processing a default file.

Defaults to switching log file immediately.

DISPLAY

Display is Select User Interface Logging Function:
 wsl Menu name is 'uirlog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:
 0 Immediately
 1 End of File

ADVS:
 WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):
 CNTL:

E1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log files immediately:
 --Type 0.
 --Press <RETURN>.
 --Observe user interface log menu appears.
- To default to switching log files immediately:
 --Press <RETURN>.
 --Observe user interface log menu appears.

PROCEDURE (Cont.)

- To switch log files at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe user interface log menu appears.

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**REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE
(USER INTERFACE)**

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- REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE

Closes out data type specific file and moves to directory/log/log_files.

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DISPLAY

Display is Select User Interface Logging Function:

ws1
 GMT XXX.XX.XX:XX

Menu name is 'uiflog'

Enter the number or letter of your selection:

1 Log Reinitialization
 2 Preinitialize Data Type Specific Log Files
 3 Switch Data Type Specific Log Files
 4 Redirect Logging To General Log File
 5 General Log File To Data Type Specific Log File Switch
 6 Enable Logging Of User Interface Messages
 7 Disable Logging Of User Interface Messages
 0 BACK to previous menu

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

ADVS:

CNTL:

PROCEDURE

- To redirect logging to general log files:
--Type 4.

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**GENERAL LOG FILE TO DATA TYPE SPECIFIC LOG FILE SWITCH PROCEDURE
(USER INTERFACE)**

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- **GENERAL LOG FILE TO DATA TYPE SPECIFIC LOG FILE SWITCH PROCEDURE**

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DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'uiflog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of User Interface Messages
- 7 Disable Logging Of User Interface Messages
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch general log files:
--Type 5.

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ENABLE LOGGING OF USER INTERFACE MESSAGES PROCEDURE

DESCRIPTION

- **ENABLE LOGGING OF USER INTERFACE MESSAGES PROCEDURE**

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX

ws1 Menu name is 'uiflog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of User Interface Messages
- 7 Disable Logging Of User Interface Messages
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: F6 = HIST

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PROCEDURE

- To begin logging files:
--Type 6.
- Observe file type choices appear and following prompt appears on P/R line:
Enter **LOGGING FILE TYPE (0~1 = 1)**:

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- ENABLE LOGGING OF USER INTERFACE MESSAGES PROCEDURE (Cont.)

Select file type to log.

Defaults to data type specific log file.

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DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'uiflog'

SELECT BY NUMBER:

0 General Log File

1 Data Type Specific Log File

ADVS:
Enter LOGGING FILE TYPE (0~1 = 1):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select general log file:
 - Type 0.
 - Press <RETURN>.
 - Observe user interface log menu appears.
- To select data type specific log file:
 - Type 1.
 - Press <RETURN>.
 - Observe user interface log menu appears.

PROCEDURE (Cont.)

- To default to data type specific log files:
 - Press <RETURN>.
 - Observe user interface log menu appears.

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DISABLE LOGGING OF USER INTERFACE MESSAGES PROCEDURE

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- DISABLE LOGGING OF USER INTERFACE MESSAGES PROCEDURE

Stops logging files.

Does not close log files.

DISPLAY

Display is Select User Interface Logging Function:
ws1 Menu name is 'uriflog'

Enter the number or letter of your selection:

1 Log Reinitialization

2 Preinitialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log File

5 General Log File To Data Type Specific Log File Switch

6 Enable Logging Of User Interface Messages

7 Disable Logging Of User Interface Messages

0 BACK to previous menu

ADV5:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To stop logging files:
--Type 7.

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**CAS WORKSTATION
HEALTH AND STATUS LOG FILES PROCEDURES**

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DESCRIPTION

- HEALTH AND STATUS LOG FILES PROCEDURES

CAS workstation log menu.

DISPLAY

Display is Select Logging Application Process:
ws1 Menu name is 'log'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 General Logger

2 User Interface

3 Health and Status

4 Central Status and Control

5 Ancillary

6 Data Generator

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR

F2 = TOP

F3 = RPRT

F4 = ADVS

F5 = HIST

PROCEDURE

- To select health and status log menu from CAS workstation log menu:
 - Type 3.
 - Observe health and status log menu appears.
- To select health and status log menu from NDD workstation log menu:
 - Type 3.
 - Observe health and status log menu appears.

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- HEALTH AND STATUS LOG FILES PROCEDURES (Cont.)

Health and status log menu.

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DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

Enter the number or letter of your selection:

1 Reinitialization Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging Of Health and Status Messages

7 Disable Logging Of Health and Status Messages

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None).

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**REINITIALIZE LOGGING PROCEDURE
(HEALTH AND STATUS)**

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- REINITIALIZE LOGGING PROCEDURE

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DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

Enter the number or letter of your selection:

1 Reinitialization Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging Of Health and Status Messages

7 Disable Logging Of Health and Status Messages

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To reinitialize logging:
--Type 1.

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**PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE
(HEALTH AND STATUS)**

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'hslg'

Enter the number or letter of your selection:

- 1 Reinitialization Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging Of Health and Status Messages
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ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To preinitialize health and status data type specific log files:
--Type 2.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:

Enter LOG FILE DEVICE (0 ~ 1 = 1):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

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ERROR MESSAGES

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'hslog'

SELECT BY NUMBER:

- 0 Floppy Disk
- 1 Disk

ADVS:

Enter LOG FILE DEVICE (0~1 = 1):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
 - Enter NUMBER OF FILES (1~2 = 1):
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
 - Enter NUMBER OF FILES (1~2 = 1):

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

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● **PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)**

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

DISPLAY

Display is Select Health and Status Logging Function:
 ws1 Menu name is 'hslog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter NUMBER OF FILES (1 ~ 2 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter number of files to pre-initialize:
 --Type 1 or 2.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter LOG FILE NAME 1 (1~20 chars =):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter LOG FILE NAME 1 (1~20 chars =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 1, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select Health and Status Logging Function:
 ws1 Menu name is 'hslog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
 - Type number of bytes.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter **DELOG TITLE 1** (1~40 = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 1.

Maximum number of characters is 40.

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslg'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter DELOG TITLE 1 (1~40 = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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- To enter delog title for log file 1:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

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ERROR MESSAGES

Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

Defaults to switching log files at EOF.

DISPLAY

Display is Select Health and Status Logging Function:
ws1 Menu name is 'hslog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 NO
1 YES

ADVS:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):
CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log file 1 at end of file:
--Type 1.
--Press <RETURN>.
- To send log file 1 to circular log:
--Type 0.
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
-- Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

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DISPLAY

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If one log file was selected for preinitialization, press <RETURN> to cycle through prompts for log file 2.

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

DISPLAY

Display is Select Health and Status Logging Function:
ws1 Menu name is 'hslog'

SELECT BY NUMBER:

0	NO
1	YES

ADVS:
Enter L
CNTL:

F1 == REFR F2 == TOP F3 == RPRT F4 == ADVS F5 == HIST

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 2, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select Health and Status Logging Function:

ws1
 Menu name is 'hslog'
 GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 NO
 1 YES

ADVS:
 Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

F1 = REFR
 F2 = TOP
 F3 = RPRT
 F4 = ADVS
 F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 - Type number of bytes.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:

Enter DELOG TITLE 2 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:

Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

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DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

SELECT BY NUMBER:

0 NO

1 YES

ADV5:

Enter DELOG TITLE 2 (1~40 = /0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter delog title for log file 2:
 - Enter (delog title).
 - Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:

SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

Defaults to switching log files at EOF.

DISPLAY

Display is Select Health and Status Logging Function:
ws1 Menu name is 'hslog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 NO
1 YES

ADVS:
SWITCH LOG FILE 2 ON EOF? (0-1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To switch log file 2 at end of file:
--Type 1.
--Press <RETURN>.
--Observe health and status log menu appears.
- To send log file 2 to circular log:
--Type 0.
--Press <RETURN>.
--Observe health and status log menu appears.

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**SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE
(HEALTH AND STATUS)**

DESCRIPTION

- SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

Enter the number or letter of your selection:

- 1 Reinitialization Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging Of Health and Status Messages
- 7 Disable Logging Of Health and Status Messages
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

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- To switch data type specific log files:
--Type 3.
- Observe following prompt appears on P/R line:
WHEN SHOULD LOG FILES BE SWITCHED?(0~1 = 0):

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- SWITCH DATA TYPE SPECIFIC FILES PROCEDURE (Cont.)

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DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

SELECT BY NUMBER:

0 Immediately

1 End of File

ADV5:
WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log files immediately:
 - Type 0.
 - Press <RETURN>.
- To default to switching log files immediately:
 - Press <RETURN>.
 - Observe health and status log menu appears.

PROCEDURE (Cont.)

- To switch log files at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe health and status log menu appears.

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**REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE
(HEALTH AND STATUS)**

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- REDIRECT LOGGING TO GENERAL LOG
FILE PROCEDURE

Closes out data type specific file and moves
to directory/log/log_files.

DISPLAY

Display is Select Health and Status Logging Function:
ws1
Menu name is 'hslog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Reinitialization Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging Of Health and Status Messages
- 7 Disable Logging Of Health and Status Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To redirect logging to general log files:
--Type 4.

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**REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE
(HEALTH AND STATUS)**

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- REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE

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SECTION 6 ERROR MESSAGES

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

Enter the number or letter of your selection:

1 Reinitialization Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging Of Health and Status Messages

7 Disable Logging Of Health and Status Messages

0 BACK to previous menu

ADV5:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To redirect log files:
--Type 5.

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ENABLE LOGGING OF HEALTH AND STATUS MESSAGES PROCEDURE

DESCRIPTION

- **ENABLE LOGGING OF HEALTH AND STATUS MESSAGES PROCEDURE**

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'hslog'

Enter the number or letter of your selection:

- 1 Reinitialization Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging Of Health and Status Messages
- 7 Disable Logging Of Health and Status Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To begin logging files:
--Type **6**.
- Observe file type choices appear and following prompt appears on P/R line:
Enter **LOGGING FILE TYPE (0~1 = 1)**:

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- ENABLE LOGGING OF HEALTH AND STATUS MESSAGES PROCEDURE (Cont.)

Select data type to log.

Defaults to data type specific log file.

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DISPLAY

Display is Select Health and Status Logging Function:
ws1 Menu name is 'hslog'

SELECT BY NUMBER:

0 General Log File
1 Data Type Specific Log File

ADV5:
Enter LOGGING FILE TYPE (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select general log file:
 - Type 0.
 - Press <RETURN>.
 - Observe health and status log menu appears.
- To select data type specific log file:
 - Type 1.
 - Press <RETURN>.
 - Observe health and status log menu appears.

PROCEDURE (Cont.)

- To default to data type specific log files:
 - Press <RETURN>.
 - Observe health and status log menu appears.

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DISABLE LOGGING OF HEALTH AND STATUS MESSAGES PROCEDURE

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- DISABLE LOGGING OF HEALTH AND STATUS MESSAGES PROCEDURE

Stops logging files.

Does not close log files.

DISPLAY

Display is Select Health and Status Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'hslog'

Enter the number or letter of your selection:

1 Reinitialization Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging Of Health and Status Messages

7 Disable Logging Of Health and Status Messages

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To stop logging files:
--Type 7.

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**CAS WORKSTATION
CENTRAL STATUS AND CONTROL LOG FILES PROCEDURES**

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DESCRIPTION

- CENTRAL STATUS AND CONTROL LOG FILES PROCEDURES

CAS workstation log menu.

DISPLAY

Display is Select Logging Application Process: GMT XXX:XX:XX:XX

ws1 Menu name is 'log'

Enter the number or letter of your selection:

- 1 General Logger
- 2 User Interface
- 3 Health and Status
- 4 Central Status and Control
- 5 Ancillary
- 6 Data Generator
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

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PROCEDURE

- To select central status and control log menu from CAS workstation log menu:
 - Type 4.
 - Observe central status and control log menu appears.

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- **CENTRAL STATUS AND CONTROL LOG FILES PROCEDURES**

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ERROR MESSAGES

Central status and control log menu.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csalog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of Central Status And Control Messages
- 7 Disable Logging Of Central Status And Control Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None)

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**LOG REINITIALIZATION PROCEDURE
(CENTRAL STATUS AND CONTROL)**

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- LOG REINITIALIZATION PROCEDURE

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Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csaclog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of Central Status And Control Messages
- 7 Disable Logging Of Central Status And Control Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To reinitialize logger:
--Type 1.

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**PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE
(CENTRAL STATUS AND CONTROL)**

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'csaclog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of Central Status And Control Messages
- 7 Disable Logging Of Central Status And Control Messages
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: -----

PROCEDURE

- To preinitialize data type specific log files:
--Type 2.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:

Enter LOG FILE DEVICE (0 ~ 1 = 1):

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● PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csaclog'

SELECT BY NUMBER:

- 0 Floppy Disk
- 1 Disk

ADVS:
Enter LOG FILE DEVICE (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

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DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
 ws1 Menu name is 'csalog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter NUMBER OF FILES (1~2 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter number of files to preinitialize:
 --Type 1 or 2.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter LOG FILE NAME 1 (1~20 chars =):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csaclog'

SELECT BY NUMBER:

- 0 Floppy Disk
- 1 Disk

ADVS:
Enter LOG FILE NAME 1 (1~20 chars =):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter log file name for log file 1:
--Enter (log file name).
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 1, in bytes.

Maximum file size is 5M bytes.

Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
 ws1 Menu name is 'csaclog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter MAX LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
 CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
 --Type number of bytes.
 --Press <RETURN>.
- To default to file size of data type:
 --Type 0.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 1.
Maximum number of characters is 40.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'csaclog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:

Enter DELOG TITLE 1 (1~40 = /0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter delog title for log file 1:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

DESCRIPTION

DISPLAY

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

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Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

Defaults to switching log files at EOF.

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csaclog'

SELECT BY NUMBER:

0 NO
1 YES

ADVS:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log file 1 at end of file:
--Type 1.
--Press <RETURN>.
- To send log file 1 to circular log:
--Type 0.
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
--Press <RETURN>.
--Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If only one log file was selected for preinitialization, press <RETURN> to cycle through prompts for log file 2.

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'csalog'

SELECT BY NUMBER:

0 NO

1 YES

ADVS:
Enter LOG FILE NAME 2 (1~20 chars = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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- To enter log file name for log file 2:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

PROCEDURES

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 2, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

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DISPLAY

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ws1 Menu name is 'csalog'

SELECT BY NUMBER:

0 NO

1 YES

ADVS:

Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 - Type (number of bytes).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

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DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'csaclog'

SELECT BY NUMBER:

0 NO

1 YES

ADVS:
Enter DELOG TITLE 2 (1~40 = /0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter delog title for log file 2:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

Defaults to switching log file at EOF.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'csaclog'

SELECT BY NUMBER:

0 NO
1 YES

ADVS:
SWITCH LOG FILE 2 ON EOF? (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To switch log file 2 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe central status and control log menu appears.
- To send log file 2 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe central status and control log menu appears.

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**SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE
(CENTRAL STATUS AND CONTROL)**

DESCRIPTION

- SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csalog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of Central Status And Control Messages
- 7 Disable Logging Of Central Status And Control Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To switch data type specific log files:
--Type 3.
- Observe following prompt appears on P/R line:
WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):

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DESCRIPTION

- SWITCH DATA TYPE SPECIFIC FILES
PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

Defaults to switching log files at EOF.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
 ws1 Menu name is 'csalog'

SELECT BY NUMBER:
 0 Immediately
 1 End of Current File

ADVS:
 WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log files immediately:
 --Type 0.
 --Press <RETURN>.
- Or to switch log files immediately:
 --Press <RETURN>.
- Observe central status and control log menu appears.

PROCEDURE (Cont.)

- To switch log files at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe central status and control log menu appears.

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**REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE
(CENTRAL STATUS AND CONTROL)**

DESCRIPTION

- **REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE**

Closes out data type specific file and moves to directory/log_files.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csalog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of Central Status And Control Messages
- 7 Disable Logging Of Central Status And Control Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To redirect logging to general log files:
--Type 4.

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**GENERAL LOG FILE TO DATA TYPE SPECIFIC LOG FILE SWITCH PROCEDURE
(CENTRAL STATUS AND CONTROL)**

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- GENERAL LOG FILE TO DATA TYPE
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DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'csalog'

Enter the number or letter of your selection:

1 Log Reinitialization

2 Preinitialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 General Log File To Data Type Specific Log File Switch

6 Enable Logging Of Central Status And Control Messages

7 Disable Logging Of Central Status And Control Messages

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log files:
--Type 5.

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ENABLE LOGGING OF CENTRAL STATUS AND CONTROL MESSAGES PROCEDURE

DESCRIPTION

- **ENABLE LOGGING OF CENTRAL STATUS AND CONTROL MESSAGES PROCEDURE**

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'csalog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of Central Status And Control Messages
- 7 Disable Logging Of Central Status And Control Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To begin logging files:
--Type **6**.
- Observe file type choices appear and following prompt appears on P/R line:
Enter **LOGGING FILE TYPE (0~1 = 1)**:

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PROCEDURE

- To select general log file:
 - Type 0.
 - Press <RETURN>.
 - Observe central status and control log menu appears.
- To select data type specific log file:
 - Type 1.
 - Press <RETURN>.
 - Observe central status and control log menu appears.

DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX
 ws1 Menu name is 'csaclog'

SELECT BY NUMBER:

- 0 General Log File
- 1 Data Type Specific Log File

ADVS: Enter LOGGING FILE TYPE (0~1 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE (Cont.)

- To default to data type specific log files:
 - Press <RETURN>.
 - Observe central status and control log menu appears.

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DISABLE LOGGING OF CENTRAL STATUS AND CONTROL MESSAGES PROCEDURE

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- DISABLE LOGGING OF CENTRAL STATUS AND CONTROL MESSAGE PROCEDURE

Stops logging files.

Does not close log files.

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DISPLAY

Display is Select Central Status and Control Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'csalog'

Enter the number or letter of your selection:

1 Log Reinitialization

2 Preinitialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 General Log File To Data Type Specific Log File Switch

6 Enable Logging Of Central Status And Control Messages

7 Disable Logging Of Central Status And Control Messages

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ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To stop logging files:
--Type 7.

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**CAS WORKSTATION
ANCILLARY FILES LOGGING PROCEDURES**

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DESCRIPTION

- **ANCILLARY FILES LOGGING PROCEDURES**

Cas workstation log menu.

DISPLAY

Display is Select Logging Application Process:
ws1 Menu name is 'log'

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Enter the number or letter of your selection:

- 1 General Logger
- 2 User Interface
- 3 Health and Status
- 4 Central Status and Control
- 5 Ancillary
- 6 Data Generator
- 0 BACK to previous menu

ADVS:

CNTL:

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PROCEDURE

- To log ancillary files:
--Type **5**.
- Observe ancillary log menu appears on screen.

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- ANCILLARY FILES LOGGING PROCEDURES (Cont.)

Ancillary log menu.

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SECTION 6 ERROR MESSAGES

PROCEDURE

- (None)

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anlog'

Enter the number or letter of your selection:
1 Reinitialize Logging
2 Pre-initialize Data Type Specific Log Files
3 Switch Data Type Specific Log Files
4 Redirect Logging To General Log Files
5 Redirect Logging From General To Data Type Specific Log File
6 Enable Logging
7 Disable Logging
8 Disable Logging Of All Ancillary Data
0 BACK to previous menu

ADV5:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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**REINITIALIZE LOGGING PROCEDURE
(ANCILLARY)**

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- REINITIALIZE LOGGING PROCEDURE

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DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anclog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Ancillary Data

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ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To reinitialize ancillary logging:
--Type 1.

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**PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE
(ANCILLARY)**

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE

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DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anclog' GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Ancillary Data

0 BACK to previous menu

ADV5:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To preinitialize a specific data type log file:
--Type 2.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:
Enter LOGGING DATA TYPE (0 ~ 10 =):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Select data type to log.

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anclog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:

4 Data Cycle Packets
5 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0 ~ 10 =):
CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To select data cycle packets as logging data type:
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
 - Enter LOG FILE DEVICE (0 ~ 1 = 1):
- To select OD minor frames as logging data type:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
 - Enter LOG FILE DEVICE (0 ~ 1 = 1):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

DISPLAY

Display is Select Ancillary Logging Function:
 ws1 Menu name is 'anclog'

SELECT BY NUMBER:
 4 Data Cycle Packets
 5 NASCOM Blocks

ADVS:
 Enter LOG FILE DEVICE (0~1 = 1):
 CNL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX:XX

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

DISPLAY

Display is Select Ancillary Logging Function:
 ws1 Menu name is 'anclog' GMT XXX:XX:XX

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter NUMBER OF FILES (1~2 = 1):
 CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter number of files to preinitialize:
 --Type 1 or 2.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter LOG FILE NAME 1 (1~20 chars =):

DESCRIPTION

- PREINITIALIZE DATA TYPE LOG FILES PROCEDURE (Cont.)

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select Ancillary Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'anclg'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter LOG FILE NAME 1 (1~20 chars =): F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

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PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 1, in bytes.

Maximum file size is 5M bytes.

Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'analog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 Floppy Disk
1 Disk

ADVS:
Enter MAX LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
 - Type number of bytes.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 1.

Maximum number of characters is 40.

DISPLAY

Display is Select Ancillary Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'anclog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter DELOG TITLE 1 (1~40 = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To enter delog title for log file 1:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

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SECTION 1 CSAC PROCEDURES	<ul style="list-style-type: none"> ● PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)
SECTION 2 SUPERVISOR PROCEDURES	Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a preinitialized file does not exist, begins processing a default file.
SECTION 3 LOGGING PROCEDURES	Electing not to switch log file 1, sends file to circular log.
SECTION 4 DELOGGING PROCEDURES	Defaults to switching log files at EOF.
SECTION 5 REAL-TIME PROCEDURES	
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DISPLAY

Display is Select Ancillary Logging Function:		GMT XXX:XX:XX:XX
ws1	Menu name is 'anclg'	

SELECT BY NUMBER:		
0	NO	
1	YES	

ADVS:		
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):		
CNTL:		
F1 = REFR	F2 = TOP	F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log file 1 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
 - Enter LOG FILE NAME 2 (1~20 chars = /0):
- To send log file 1 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
 - Enter LOG FILE NAME 2 (1~20 chars = /0):

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

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ERROR MESSAGES**

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If only one log file was selected for preinitialization, press <RETURN> to cycle through prompts for log file 2.

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select Ancillary Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'andlog'

SELECT BY NUMBER:

0 NO
1 YES

ADV5:

Enter LOG FILE NAME 2 (1~20 chars = /0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter log file name for log file 1:
--Enter (log file name).
--Press <RETURN>.
- If log file device is not disk:
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 2, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anclog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 NO
1 YES

ADVS:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 - Type (number of bytes).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

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ERROR MESSAGES

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

DISPLAY

Display is Select Ancillary Logging Function:

ws1 Menu name is 'anclog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 NO

1 YES

ADVS:

Enter DELOG TITLE 2 (1~40= /0):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter delog title for log file 2:
 - Enter (delog title).
 - Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
 - SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

Defaults to switching files at EOF.

DISPLAY

Display is Select Ancillary Logging Function:

ws1 Menu name is 'anclg'

SELECT BY NUMBER:

0 NO

1 YES

ADVS: SWITCH LOG FILE 2 ON EOF? (0-1 = 1):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To switch log file 2 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe ancillary log menu appears.
- To send log file 2 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe ancillary log menu appears.

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**SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE
(ANCILLARY)**

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Ancillary log menu.

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PROCEDURE

- To switch data type specific log files:
 - Type 3.

DISPLAY

Display is Select Ancillary Logging Function:

ws1

Menu name is 'anclog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Ancillary Data

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR

F2 = TOP

F3 = RPRT

F4 = ADVS

F5 = HIST

- Observe data type choices appear and the following prompt appears on P/R line:
Enter LOGGING DATA TYPE? (0~5 =):

DESCRIPTION

- **SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)**

Select data type to log.

DISPLAY

Display is Select Ancillary Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'anclog'

SELECT BY NUMBER:

4 Data Cycle Packets

5 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~5 =): F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: -----

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PROCEDURE

- To select data cycle packets as data type to log:
--Type 4.
- To select NASCOM blocks as data type to log:
--Type 5.
- Observe following prompt appears on P/R line:
WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):

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DESCRIPTION

- SWITCH DATA TYPE SPECIFIC FILES
PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF) begins processing a preinitialized file, if one exists. If a preinitialized file does not exist, begins processing a default file.

Defaults to switching log file immediately.

DISPLAY

Display is Select Ancillary Logging Function:
 ws1 Menu name is 'anclog'

SELECT BY NUMBER:
 0 Immediately
 1 End of File

ADVS:
 WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX:XX

PROCEDURE

- To switch log files immediately:
 --Type 0.
 --Press <RETURN>.
- To default to switching log files immediately:
 --Press <RETURN>.
- Observe ancillary log menu appears.

PROCEDURE (Cont.)

- To switch log files at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe ancillary log menu appears.

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**REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE
(ANCILLARY)**

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CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

Enter LOGGING DATA TYPE? (0~5=):

DESCRIPTION

- REDIRECT LOGGING TO GENERAL LOG
FILE PROCEDURE (Cont.)

Select data type to log.

DISPLAY

Display is Select Ancillary Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'anlog'

SELECT BY NUMBER:

4 Data Cycle Packets

5 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~5 =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To select data cycle packets as data type to log:
 - Type 4.
 - Observe ancillary log menu appears.
- To select NASCOM blocks as data type to log:
 - Type 5.
 - Observe ancillary log appears.

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**REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE
(ANCILLARY)**

DESCRIPTION

DISPLAY

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- REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE

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ERROR MESSAGES

Closes out data type specific file and moves to directory/log/log_files.

PROCEDURE

- To redirect logging from general to ancillary log file:
 - Observe data type choices appear and the following prompt appears on P/R line:

--Type 5.

Enter LOGGING DATA TYPE? (0~5 =):

Display is Select Ancillary Logging Function:
ws1 Menu name is 'andlog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Reinitialize Logging
2 Pre-initialize Data Type Specific Log Files
3 Switch Data Type Specific Log Files
4 Redirect Logging To General Log Files
5 Redirect Logging From General To Data Type Specific Log File
6 Enable Logging
7 Disable Logging
8 Disable Logging Of All Ancillary Data
0 BACK to previous menu

ADV5:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DESCRIPTION

- REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE (Cont.)

Select data type to log.

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'andlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

4 Data Cycle Packets
5 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~5 =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To select data cycle packets as data type to log:
--Type 4.
- To select NASCOM blocks as data type to log:
--Type 5.
--Observe ancillary log menu appears.

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ENABLE LOGGING (ANCILLARY MESSAGES) PROCEDURE

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PROCEDURES	<ul style="list-style-type: none">● ENABLE LOGGING (ANCILLARY MESSAGES) PROCEDURE

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SECTION 2 SUPERVISOR PROCEDURES
SECTION 3 LOGGING PROCEDURES
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SECTION 5 REAL-TIME PROCEDURES
SECTION 6 ERROR MESSAGES

PROCEDURE

- To begin logging files:
--Type 6.

- Observe file type choices appear and following prompt appears on P/R line:
Enter LOGGING DATA TYPE (0~5 =):

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anclog' GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Ancillary Data

0 BACK to previous menu

ADV5:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DESCRIPTION

- ENABLE LOGGING (ANCILLARY MESSAGES) PROCEDURE

Select data type to log.

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'andlog' GMT XXX.XX:XX:XX:XX

SELECT BY NUMBER:

4 Data Cycle Packets

5 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~5 =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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SECTION 2 SUPERVISOR PROCEDURES
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SECTION 6 ERROR MESSAGES

PROCEDURE

- To select data cycle packets:
 - Type 4.
 - Press <RETURN>.
 - To select NASCOM blocks:
 - Type 5.
 - Press <RETURN>.
- Observe file type choices appear and following prompt appears on P/R line:
Enter LOGGING FILE TYPE (0~1 = 1):

CHAPT 5 DESCRIPTION
DFE

PROCEDURES

- ENABLE LOGGING (ANCILLARY MESSAGES) PROCEDURE (Cont.)

Select file type to log.

Defaults to data type specific log file.

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SECTION 2 SUPERVISOR PROCEDURES
SECTION 3 LOGGING PROCEDURES
SECTION 4 DELOGGING PROCEDURES
SECTION 5 REAL-TIME PROCEDURES
SECTION 6 ERROR MESSAGES

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'andlog'

SELECT BY NUMBER:

0 General Log File

1 Data Type Specific Log File

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select general log file:
 - Type 0.
 - Press <RETURN>.
 - Observe ancillary log menu appears.
- To select data type specific log file:
 - Type 1.
 - Press <RETURN>.
 - Observe ancillary log menu appears.

PROCEDURE (Cont.)

- To default to data type specific log files:
 - Press <RETURN>.
 - Observe ancillary log menu appears.

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DISABLE LOGGING (ANCILLARY MESSAGES) PROCEDURE

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DFE PROCEDURES

- DISABLE LOGGING (ANCILLARY MESSAGES) PROCEDURE

Stops logging files

Does not close log files.

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SECTION 2 SUPERVISOR PROCEDURES
SECTION 3 LOGGING PROCEDURES
SECTION 4 DELOGGING PROCEDURES
SECTION 5 REAL-TIME PROCEDURES
SECTION 6 ERROR MESSAGES

PROCEDURE

- To stop logging files:
--Type 7.

DISPLAY

Display is Select Ancillary Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'anclog'

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Ancillary Data

0 BACK to previous menu

ADVS:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

- Observe following prompt appears on P/R line:
Enter LOGGING DATA TYPE (0~5 =):

DESCRIPTION

- **DISABLE LOGGING (ANCILLARY MESSAGES) PROCEDURE (Cont.)**

Select logging data type to disable.

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anclog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:

4 Data Cycle Packets
5 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~5 =):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To select data cycle packets:
--Type 4.
--Press <RETURN>.
- To select NASCOM blocks:
--Type 5.
--Press <RETURN>.

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HALT LOGGING OF ALL ANCILLARY DATA PROCEDURE

CHAPTER 5 DESCRIPTION

DFE

PROCEDURES

- HALT LOGGING OF ALL ANCILLARY DATA PROCEDURE

Stops logging files.

Closes log files.

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SECTION 2 SUPERVISOR PROCEDURES
SECTION 3 LOGGING PROCEDURES
SECTION 4 DELOGGING PROCEDURES
SECTION 5 REAL-TIME PROCEDURES
SECTION 6 ERROR MESSAGES

DISPLAY

Display is Select Ancillary Logging Function:
ws1 Menu name is 'anclog'

Enter the number or letter of your selection:

- 1 Reinitialize Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging
- 7 Disable Logging
- 8 Disable Logging Of All Ancillary Data
- 0 BACK to previous menu

ADVS:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX

PROCEDURE

- To stop logging files:
--Type 8.

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PROCEDURES**

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**CAS WORKSTATION
DATA GENERATOR PROCEDURES**

**CHAPT 5
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PROCEDURES**

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PROCEDURES

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**SECTION 3
GENERAL LOGGER PROCEDURES**

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DESCRIPTION

- **DATA GENERATOR PROCEDURES**

CAS workstations log menu.

DISPLAY

Display is Select Logging Application Process:
ws1 Menu name is 'log'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 General Logger
- 2 User Interface
- 3 Health and Status
- 4 Central Status and Control
- 5 Ancillary
- 6 Data Generator
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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DFE PROCEDURES**

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SECTION 3
LOGGING
PROCEDURES

SECTION 4
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PROCEDURES

SECTION 5
REAL-TIME
PROCEDURES

SECTION 6
ERROR MESSAGES

PROCEDURE

- To select data generator logging for CAS workstations:
 - Observe CAS workstation log menu is shown.
 - Type 6.
- Observe data generator log menu appears on screen.

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PROCEDURES

- DATA GENERATOR PROCEDURES (Cont.)

Data generator log menu.

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SECTION 4 DELOGGING PROCEDURES
SECTION 5 REAL-TIME PROCEDURES
SECTION 6 ERROR MESSAGES

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dglog'

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log File

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Data Generator Data Types

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None)

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**REINITIALIZE LOGGING PROCEDURE
(DATA GENERATOR)**

CHAPT 5 DESCRIPTION

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PROCEDURES

- REINITIALIZE LOGGING PROCEDURE

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SECTION 2 SUPERVISOR PROCEDURES
SECTION 3 LOGGING PROCEDURES
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SECTION 5 REAL TIME PROCEDURES
SECTION 6 ERROR MESSAGES

DISPLAY

Display is Select Data Generator Logging Function:
ws1 Menu name is 'dglog'

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log File

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Data Generator Data Types

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To reinitialize data generator logging:
--Type 1.

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PROCEDURES**

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**PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE
(DATA GENERATOR)**

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PROCEDURES

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE

SECTION 1 CSAC PROCEDURES
SECTION 2 SUPERVISOR PROCEDURES
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SECTION 5 REAL-TIME PROCEDURES
SECTION 6 ERROR MESSAGES

DISPLAY

Display is Select Data Generator Logging Function:
ws1 Menu name is 'dglog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Reinitialize Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging
- 7 Disable Logging
- 8 Disable Logging Of All Data Generator Data Types
- 0 BACK to previous menu

ADVS:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

PROCEDURE

- To preinitialize a specific data type log file:
--Type 2.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:
Enter LOGGING DATA TYPE (0 ~ 1 = 1):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Select data type to log.

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX.XX:XX:XX

ws1 Menu name is 'dlog'

SELECT BY NUMBER:

7 Data Cycle Packets

8 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~8 =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To select data cycle packets as logging data type:
 - Type 7.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter LOG FILE DEVICE (0 ~ 1 = 1):
- To select NASCOM blocks as logging data type:
 - Type 8.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter LOG FILE DEVICE (0 ~ 1 = 1):

CHAPTER 5 DFE DESCRIPTION

PROCEDURES

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

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PROCEDURES

SECTION 2
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SECTION 3
LOGGING
PROCEDURES

SECTION 4
DELOGGING
PROCEDURES

SECTION 5
REAL-TIME
PROCEDURES

SECTION 6
ERROR MESSAGES

DISPLAY

Display is Select Data Generator Logging Function:
ws1 Menu name is 'dlog'

SELECT BY NUMBER:

- 0 Floppy Disk
- 1 Disk

ADVS:
Enter LOG FILE DEVICE (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

DISPLAY

Display is Select Data Generator Logging Function:
 ws1 Menu name is 'dglog'

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter NUMBER OF FILES (1~2 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter number of files to preinitialize:
 --Type 1 or 2.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter LOG FILE NAME 1 (1~20 chars =):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dglog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter LOG FILE NAME 1 (1~20 chars =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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DFE

DESCRIPTION

PROCEDURES

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 1, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

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DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dlog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
 - Type (number of bytes).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
- Enter DELOG TITLE 1 (1~40 = /0):

- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
- Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 1.

Maximum number of characters is 40.

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dgllog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter DELOG TITLE 1 (1~40 = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To enter delog title for log file 1:
-- Enter (delog title).
-- Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

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● PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a preinitialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

Defaults to switching log files at EOF.

DISPLAY

Display is Select Data Generator Logging Function:
 ws1 Menu name is 'dglog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 SWITCH LOG FILE 1 ON EOF? (0~1 = 1):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log file 1 at end of file:
 --Type 1.
 --Press <RETURN>.
- To send log file 1 to circular log:
 --Type 0.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter LOG FILE NAME 2 (1~20 chars = /0):

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If only one log file was selected for preinitialization, press <RETURN> to cycle through prompts for log file 2.

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dgllog'

SELECT BY NUMBER:

0 NO

1 YES

ADVS:
Enter LOG FILE NAME 2 (1~20 chars = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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SECTION 5 REAL TIME PROCEDURES
SECTION 6 ERROR MESSAGES

PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

CHAPTER 5
DFE

DESCRIPTION

PROCEDURES

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 2, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

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DISPLAY

Display is Select Data Generator Logging Function:
ws1 Menu name is 'dglog'

SELECT BY NUMBER:
0 NO
1 YES

ADV5:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 - Type number of bytes.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

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SECTION 6 ERROR MESSAGES

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

DISPLAY

Display is Select Data Generator Logging Function:

ws1
 GMT XXX:XX:XX:XX

Menu name is 'dlog'

SELECT BY NUMBER:

0 NO
 1 YES

ADVS:
 Enter DELOG TITLE 2 (1~40 = /0):

CNTL:
 F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter delog title for log file 2:
 - Enter (delog title).
 - Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
 - SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

Defaults to switching files at EOF.

DISPLAY

Display is Select Data Generator Logging Function:		GMT XXX:XX:XX:XX
ws1	Menu name is 'dglog'	

SELECT BY NUMBER:		
0	NO	
1	YES	

ADVS: SWITCH LOG FILE 2 ON EOF? (0~1 = 1):		
CNTL:		
F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST		

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PROCEDURE

- To switch log file 2 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe data generator log menu appears.
- To send log file 2 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe data generator log menu appears.

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SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE
(DATA GENERATOR)

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● SWITCH DATA TYPE SPECIFIC LOG FILES
PROCEDURE

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'dlog'

Enter the number or letter of your selection:

- 1 Reinitialize Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging
- 7 Disable Logging
- 8 Disable Logging Of All Data Generator Data Types
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

PROCEDURE

- To switch data type specific log files:
--Type 3.
- Observe data type choices appear and the following prompt appears on P/R line:
Enter LOGGING DATA TYPE? (0~8 =):

DESCRIPTION

- **SWITCH DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)**

Select data type to log.

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dglog'

SELECT BY NUMBER:

7 Data Cycle Packets

8 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~8 =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To select data cycle packets as data type to log:
--Type 7.
- To select NASCOM blocks as data type to log:
--Type 8.
- Observe following prompt appears on P/R line:
WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):

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DESCRIPTION

PROCEDURES

- SWITCH DATA TYPE SPECIFIC FILES
PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF) begins processing a preinitialized file, if one exists. If a preinitialized file does not exist, begins processing a default file.

Defaults to switching log file immediately.

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ERROR MESSAGES

PROCEDURE

- To switch log files immediately:
 - Type 0.
 - Press <RETURN>.
 - Observe ancillary log menu appears.

- To default to switching log files immediately:
 - Press <RETURN>.
 - Observe ancillary log menu appears.

DISPLAY

Display is Select Data Generator Logging Function:

ws1
 Menu name is 'dglog'
 GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 Immediately
 1 End of File

ADVS:
 WHEN SHOULD LOG FILES BE SWITCHED? (0~1=0):
 CNTL:

F1 = REFR
 F2 = TOP
 F3 = RPRT
 F4 = ADVS
 F5 = HIST

PROCEDURE (Cont.)

- To switch log files at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe data generator log menu appears.

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**REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE
(DATA GENERATOR)**

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DESCRIPTION

- REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE

Closes out data type specific file and moves to directory/log/log files.

DISPLAY

Display is Select Data Generator Logging Function:
 ws1 Menu name is 'dlog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Reinitialize Logging
 2 Pre-initialize Data Type Specific Log Files
 3 Switch Data Type Specific Log Files
 4 Redirect Logging To General Log File
 5 Redirect Logging From General To Data Type Specific Log File
 6 Enable Logging
 7 Disable Logging
 8 Disable Logging Of All Data Generator Data Types
 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To redirect data generator logging to general log file:
 - Observe data type choices appear and the following prompt appears on P/R line:
Enter LOGGING DATA TYPE? (0~8 =):

--Type 4.

DESCRIPTION

- REDIRECT LOGGING TO GENERAL LOG FILE PROCEDURE (Cont.)

Select data type to log.

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dglog'

SELECT BY NUMBER:

- 7 Data Cycle Packets
- 8 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~8 =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To select data cycle packets as data type to log:
--Type 7.
- To select NASCOM blocks as data type to log:
--Type 8.
--Observe data generator log menu appears.

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**REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE
(DATA GENERATOR)**

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DESCRIPTION

PROCEDURES

- REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE

Closes out data type specific file and moves to directory/log/log_files.

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SECTION 6 ERROR MESSAGES

PROCEDURE

- To redirect logging from general to data type specific log file:
--Type 5.
- Observe data type choices appear and the following prompt appears on P/R line:
Enter LOGGING DATA TYPE? (0~8 =):

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dglog'

Enter the number or letter of your selection:

- 1 Reinitialize Logging
- 2 Pre-initialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log File
- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging
- 7 Disable Logging
- 8 Disable Logging Of All Data Generator Data Types
- 0 BACK to previous menu

ADVS:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DESCRIPTION

- REDIRECT LOGGING FROM GENERAL TO DATA TYPE SPECIFIC LOG FILE PROCEDURE (Cont.)

Select data type to log.

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dglog'

SELECT BY NUMBER:

7 Data Cycle Packets

8 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~8 =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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ERROR MESSAGES**PROCEDURE**

- To select data cycle packets as data type to log:
--Type 7.
- To select NASCOM blocks as data type to log:
--Type 8.
- Observe data generator log menu appears.

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ENABLE LOGGING (DATA GENERATOR) MESSAGES PROCEDURE

DESCRIPTION

- ENABLE LOGGING (DATA GENERATOR) MESSAGES PROCEDURE

DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dlog'

Enter the number or letter of your selection:

1 Reinitialize Logging

2 Pre-initialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log File

5 Redirect Logging From General To Data Type Specific Log File

6 Enable Logging

7 Disable Logging

8 Disable Logging Of All Data Generator Data Types

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To begin logging files:
--Type 6.
- Observe data type choices appear and following prompt appears on P/R line:
Enter LOGGING DATA TYPE (0~8 =):

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DFE DESCRIPTION

PROCEDURES

- ENABLE LOGGING (DATA GENERATOR) MESSAGES PROCEDURE (Cont.)

Select data type to log.

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DISPLAY

Display is Select Data Generator Logging Function:
ws1 Menu name is 'dglog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:

7 Data Cycle Packets

8 NASCOM Blocks

ADVS:
Enter LOGGING DATA TYPE (0~8 =):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select data cycle packets as data type:
 - Type 7.
 - Press <RETURN>.
 - Observe file type choices appear and following prompt appears on P/R line:
Enter LOGGING FILE TYPE (0~1 = 1):

PROCEDURE (Cont.)

- To select NASCOM blocks as data type:
 - Type g.
 - Press <RETURN>.
 - Observe file type choices appear and following prompt appears on P/R line:
Enter LOGGING FILE TYPE (0~1 = 1):

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DFE PROCEDURES

- ENABLE LOGGING (DATA GENERATOR) MESSAGES PROCEDURE (Cont.)

Select file type to log.

Defaults to data type specific log file.

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DISPLAY

Display is Select Data Generator Logging Function:

ws1 Menu name is 'dlog'

GMT XXX:XX:XX.XX

SELECT BY NUMBER:

0 General Log File

1 Data Type Specific Log File

ADV5:

Enter LOGGING FILE TYPE (0~1 = 1):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select general log file:
 - Type 0.
 - Press <RETURN>.
 - Observe data generator log menu appears.
- To select data type specific log file:
 - Type 1.
 - Press <RETURN>.
 - Observe data generator log menu appears.

PROCEDURE (Cont.)

- To default to data type specific log files:
--Press <RETURN>.
--Observe data generator log menu appears.

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DISABLE LOGGING (DATA GENERATOR) MESSAGES PROCEDURE

DESCRIPTION

- DISABLE LOGGING (DATA GENERATOR) MESSAGES PROCEDURE

Stops logging files.

Does not close log files.

DISPLAY

Display is Select Data Generator Logging Function:
ws1 Menu name is 'dglog'

Enter the number or letter of your selection:
1 Reinitialize Logging
2 Pre-initialize Data Type Specific Log Files
3 Switch Data Type Specific Log Files
4 Redirect Logging To General Log File
5 Redirect Logging From General To Data Type Specific Log File
6 Enable Logging
7 Disable Logging
8 Disable Logging Of All Data Generator Data Types
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ADV5:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To stop logging files:
--Type 7.
- Observe data type choices appear and following prompt appears on P/R line:
Enter LOGGING DATA TYPE (0~8 =):

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- DISABLE LOGGING (DATA GENERATOR) MESSAGES PROCEDURE (Cont.)

Select data type.

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DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX

ws1 Menu name is 'dglog'

SELECT BY NUMBER:

7 Data Cycle Packets

8 NASCOM Blocks

ADV5:
Enter LOGGING DATA TYPE (0~8 =):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select data cycle packets as data type:
--Type 7.
--Press <RETURN>.

PROCEDURE (Cont.)

- To select NASCOM blocks as data type:
 - Type 8.
 - Press <RETURN>.

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DISABLE LOGGING OF ALL DATA GENERATOR DATA TYPES PROCEDURE

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- **DISABLE LOGGING OF ALL DATA GENERATOR DATA TYPES PROCEDURE**

Stops logging files.

Closes log files.

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DISPLAY

Display is Select Data Generator Logging Function: GMT XXX:XX:XX:XX
ws1 Menu name is 'dglog'

Enter the number or letter of your selection:

- 1 Reinitialize Logging
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- 3 Switch Data Type Specific Log Files
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- 5 Redirect Logging From General To Data Type Specific Log File
- 6 Enable Logging
- 7 Disable Logging
- 8 Disable Logging Of All Data Generator Data Types
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To stop logging files:
--Type 8.

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NDD WORKSTATION
GENERAL LOGGER PROCEDURES

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**SECTION 4
GENERAL LOGGER PROCEDURES**

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DESCRIPTION

- **GENERAL LOGGER PROCEDURES**

NDD workstation log menu.

DISPLAY

Display is Select Logging Application Process nnd1 Menu name is 'nlog'	GMT XXX:XX:XX:XX

Enter number or letter of your selection:	
1 General Logger 2 User Interface 3 Health and Status 4 Data Generator 5 Scoring 6 Network Data Driver 0 BACK to previous menu	

ADVS:	
CNTL:	F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To select general logger:
 - Observe NDD workstation log menu is on screen.
 - Type 1.
- Observe NDD workstation general logger menu appears on screen.

DESCRIPTION

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PROCEDURES

- GENERAL LOGGER PROCEDURE (Cont.)

NDD workstation general logger menu.

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PROCEDURE

- (None).

DISPLAY

Display is Select General Logger Function:
ndd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Preinitialize General Log Files

2 Switch General Log Files

3 Reinitialize General Logger

4 Halt Logging of All NDD Data Types

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR

F2 = TOP

F3 = RPRT

F4 = ADVS

F5 = HIST

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**REINITIALIZE GENERAL LOGGER PROCEDURE
(NDD WORKSTATIONS)**

DESCRIPTION

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- REINITIALIZE GENERAL LOGGER
PROCEDURE

DISPLAY

Display is Select General Logger Function:
nnd1 Menu name is 'ngenlog'

GMT XXX.XX:XX:XX

Enter the number or letter of your selection:

1 Preinitialize General Log Files
2 Switch General Log Files
3 Reinitialize General Logger
4 Halt Logging of All NDD Data Types
0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To reinitialize general logger:
--Type 3.

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PREINITIALIZE GENERAL LOG FILES PROCEDURE
(NDD WORKSTATIONS)

DESCRIPTION

- **PREINITIALIZE GENERAL LOG FILES PROCEDURE**

This procedure applies to NDD workstations only.

DISPLAY

Display is Select General Logger Function:		GMT XXX:XX:XX:XX
ndd1	Menu name is 'ngenlog'	

Enter the number or letter of your selection:		
1	Preinitialize General Log Files	
2	Switch General Log Files	
3	Reinitialize General Logger	
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ADVS:		
CNTL:		
		F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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- To preinitialize general log file:
--Type 1.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:

Enter LOG FILE DEVICE (0 ~ 1 = 1):

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SECTION 1 CSAC PROCEDURES

- PREINITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

SECTION 2 DELOGGING PROCEDURES

SECTION 3 REAL-TIME PROCEDURES

SECTION 4 ERROR MESSAGES

DISPLAY

Display is Select General Logger Function:
ndd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

- Floppy Disk
- Disk

ADVS:
Enter LOG FILE DEVICE (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

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DESCRIPTION

- PREINITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

DISPLAY

Display is Select General Logger Function:
ndd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADV5:

Enter NUMBER OF FILES (1~2 = 1):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter number of files to pre-initialize:
--Type 1 or 2.
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 1 (1~20 chars):

DESCRIPTION

- PREINITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select General Logger Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'ngenlog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:

Enter LOG FILE NAME 1 (1~20 chars =):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 1, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select General Logger Function:
nnd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 Floppy Disk
1 Disk

ADV5:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADV5 F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
--Type number of bytes.
--Press <RETURN>.
- To default to file size of data type:
--Type 0.
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
--Press <RETURN>.
--Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

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DESCRIPTION

- PREINITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Provide title for delogging for log file 1.

Maximum number of characters is 40.

DISPLAY

Display is Select General Logger Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'ngenlog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:
Enter DELOG TITLE 1 (1~40 = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter delog title for log file 1:
--Enter (delog title).
--Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

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- PREINITIALIZE GENERAL LOG FILES
PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

Defaults to switching log file at end-of-file.

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PROCEDURE

- To switch log file 1 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
- To send log file 1 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:

Enter LOG FILE NAME 2 (1~20 chars = /0):

Display is Select General Logger Function:
nnd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 NO
1 YES.

ADVS:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

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DESCRIPTION

- PREINITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select General Logger Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'ngenlog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS:

Enter LOG FILE NAME 2 (1~20 chars = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter log file name for log file 2:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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DESCRIPTION

- PREINITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 2, in bytes.
Maximum file size is 5M bytes.
Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select General Logger Function:
ndd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 Floppy Disk
1 Disk

ADV5:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 --Type number of bytes.
 --Press <RETURN>.
- To default to file size of data type:
 --Type 0.
 --Press <RETURN>.
- Observe following prompt appears on P/R line:
 Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

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- PREINITIALIZE GENERALLOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

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PROCEDURE

- To enter delog title for log file 2:
 - Enter (delog title).
 - Press <RETURN>.

- Observe yes/no choices appear and following prompt appears on P/R line:

SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DISPLAY

Display is Select General Logger Function:
ndd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 Floppy Disk
1 Disk

ADV5:
Enter DELOG TITLE 2 (1~40 = /0):
CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DESCRIPTION

- PREINITIALIZE GENERAL LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

DISPLAY

Display is Select General Logger Function:		GMT XXX:XX:XX:XX
ndd1	Menu name is 'ngenlog'	

SELECT BY NUMBER:		
0	NO	
1	YES	

ADV5:		
SWITCH LOG FILE 2 ON EOF? (0~1 = 1):		
CNTL:	F1 = REFR	F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To switch log file 2 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe NDD workstation general logger menu appears.
- To send log file 2 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe NDD workstation general logger menu appears.

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SWITCH GENERAL LOG FILES PROCEDURE
(NDD WORKSTATION)

DESCRIPTION

- **SWITCH GENERAL LOG FILES PROCEDURE**

DISPLAY

Display is Select General Logger Function:		GMT XXX:XX:XX:XX
ddd1	Menu name is 'ngenlog'	

Enter the number or letter of your selection:		
1 Preinitialize General Log Files 2 Switch General Log Files 3 Reinitialize General Logger 4 Halt Logging of All NDD Data Types 0 BACK to previous menu		

ADVS:		
CNTL:	F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST	

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PROCEDURE

- To switch general log files:
--Type 2.
- Observe following prompt appears on P/R line:
WHEN SHOULD LOG FILES BE SWITCHED? (0~1 = 0):

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- SWITCH GENERAL LOG FILES PROCEDURE (Cont.)

Switching log files at end-of-file (EOF) begins processing of a preinitialized file, if one exists. If a preinitialized file does not exist, a default file is processed.

Defaults to switching log files immediately.

DISPLAY

Display is Select Network Data Driver Logging Function		GMT XXX:XX:XX
ndd1	Menu name is 'ngenlog'	

0	Immediately	
1	End of File	

ADV5: WHEN SHOULD LOG FILES BE SWITCHED? (0~1=0):		
CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST		

PROCEDURE

- To switch log files immediately:
 - Type 0.
 - Press <RETURN>.
- To default to switching log files immediately:
 - Press <RETURN>.
 - Observe NDD workstation general logger menu appears.

PROCEDURE (Cont.)

- To switch log files at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe NDD workstation general logger menu appears.

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HALT LOGGING OF ALL NDD DATA TYPES PROCEDURE
(GENERAL LOGGER)

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- HALT LOGGING OF ALL NDD DATA TYPES
PROCEDURE

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DISPLAY

Display is Select General Logger Function:
nnd1 Menu name is 'ngenlog'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Preinitialize General Log Files
2 Switch General Log Files
3 Reinitialize General Logger
4 Halt Logging of All NDD Data Types
0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To halt general logging files:
--Type 4.

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NDD WORKSTATION
USER INTERFACE LOG FILES PROCEDURES

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USER INTERFACE LOG FILES PROCEDURES

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DESCRIPTION

- USER INTERFACE LOG FILES PROCEDURES

NDD workstation log menu.

DISPLAY

Display is Select Logging Application Process: GMT XXX:XX:XX:XX

ndd1 Menu name is 'nlog'

Enter the number or letter of your selection:

1 General Logger

2 User Interface

3 Health and Status

4 Data Generator

5 Scoring

6 Network Data Driver

0 BACK to previous menu

ADV5:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select user interface log menu:
--Type 2.

- Observe user interface log menu appears.

DESCRIPTION

- **USER INTERFACE LOG FILES PROCEDURES (Cont.)**

User interface log menu.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'nuiflog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of User Interface Messages
- 7 Disable Logging Of User Interface Messages
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: -----

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PROCEDURE

- (None).

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LOG REINITIALIZATION PROCEDURE
(USER INTERFACE)

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- LOG REINITIALIZATION PROCEDURE

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DISPLAY

Display is Select User Interface Logging Function:
ndd1 Menu name is 'nuiflog'

Enter the number or letter of your selection:

1 Log Reinitialization

2 Preinitialize Data Type Specific Log Files

3 Switch Data Type Specific Log Files

4 Redirect Logging To General Log Files

5 General Log File To Data Type Specific Log File Switch

6 Enable Logging Of User Interface Messages

7 Disable Logging Of User Interface Messages

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To reinitialize log:
--Type 1.

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**PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE
(USER INTERFACE)**

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX
 'ndd1 Menu name is 'nuiflog'

Enter the number or letter of your selection:

- 1 Log Reinitialization
- 2 Preinitialize Data Type Specific Log Files
- 3 Switch Data Type Specific Log Files
- 4 Redirect Logging To General Log Files
- 5 General Log File To Data Type Specific Log File Switch
- 6 Enable Logging Of User Interface Messages
- 7 Disable Logging Of User Interface Messages
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To preinitialize a specific data type log file:
 --Type 2.
- Observe log file device choices appear and the following prompt appears on prompt/response (P/R) line:

Enter LOG FILE DEVICE (0 ~ 1 = 1):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Log file device is the medium on which to store log file.

Defaults to disk.

Notes:

If floppy disk is selected;

- Floppy disk must be formatted.
- Floppy disk must be inserted in drive prior to pre-initialization command.
- Floppy disk must not be removed until remove disk advisory appears on screen.

DISPLAY

Display is Select User Interface Logging Function:
ndd1 Menu name is 'nuiflog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

- 0 Floppy Disk
- 1 Disk

ADV5:
Enter LOG FILE DEVICE (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- If floppy disk is to be log file device:
 - Insert formatted floppy disk into floppy disk drive.
 - Type 0.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):
- To enter hard disk as log file device:
 - Type 1.
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter NUMBER OF FILES (1~2 = 1):

PROCEDURE (Cont.)

- To default to hard disk as log file device:
 - Press <RETURN>.
 - Observe the following prompt appears on P/R line:
Enter **NUMBER OF FILES (1~2 = 1)**:

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Up to two general log files (log file 1 and log file 2) can be pre-initialized at one time.

Up to five general log files can be pre-initialized per data type.

Defaults to one log file.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'nuiflog'

SELECT BY NUMBER:

0 Floppy Disk
1 Disk

ADVS:

Enter NUMBER OF FILES (1~2 = 1):

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter number of files to pre-initialize:
--Type 1 or 2.
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 1 (1~20 chars =):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If log file 1 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'nuiflog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADV5:
Enter LOG FILE NAME 1 (1~20 chars =):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To enter log file name for log file 1:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 1 - IN BYTES (0~5000000 = 0):

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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

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Specify file size, for log file 1, in bytes.

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Maximum file size is 5M bytes.

Entering 0 bytes will default to file size of data type.

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DISPLAY

Display is Select User Interface Logging Function:
nnd1 Menu name is 'nuiflog' GMT XXX:XX:XX:XX

SELECT BY NUMBER:

- 0 Floppy Disk
- 1 Disk

ADV5:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 1:
 - Type number of bytes.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 1 (1~40 = /0):

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 1.

Maximum number of characters is 40.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'nuiflog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

Enter DELOG TITLE 1 (1~40 = /0):

CNTL: -----

**CHAPTER 5
DFE
PROCEDURES**

SECTION 1 CSAC PROCEDURES
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SECTION 4 DELOGGING PROCEDURES
SECTION 5 REAL-TIME PROCEDURES
SECTION 6 ERROR MESSAGES

PROCEDURE

- To enter delog title for log file 1:
 --Enter (delog title).
 --Press <RETURN>.
- Observe yes/no choices appear and following prompt appears on P/R line:
 SWITCH LOG FILE 1 ON EOF? (0~1 = 1):

CHAPTER 5 TDFE PROCEDURES

DESCRIPTION

PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

SECTION 1 CSAC PROCEDURES
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- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 1 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 1, sends file to circular log.

DISPLAY

Display is Select User Interface Logging Function:
nnd1 Menu name is 'nuiflog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:

0 NO

1 YES

ADV5:
SWITCH LOG FILE 1 ON EOF? (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log file 1 at end of file:
 - Type 1.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):
- To send log file 1 to circular log:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

PROCEDURE (Cont.)

- To default to switching log file 1 at end of file:
--Press <RETURN>.
- Observe following prompt appears on P/R line:
Enter LOG FILE NAME 2 (1~20 chars = /0):

20011101 02:00

*

LOG FILE NAME 2

CHAPT 5 DFE PROCEDURES

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20011101 02:00

LOG FILE NAME 2

LOG FILE NAME 2

LOG FILE NAME 2

LOG FILE NAME 2

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

If only one log file was selected for preinitialization, press <RETURN> to cycle through prompts for log file 2.

If log file 2 is to be stored on disk, a log file name must be entered.

Maximum number of characters is 20.

DISPLAY

Display is Select User Interface Logging Function: GMT XXX:XX:XX:XX

ndd1 Menu name is 'nuiflog'

SELECT BY NUMBER:

0 Floppy Disk

1 Disk

ADV5:
Enter LOG FILE NAME 2 (1~20 chars = /0):

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADV5 F5 = HIST

CHAPT 5 DFE

PROCEDURES

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PROCEDURE

- To enter log file name for log file 2:
 - Enter (log file name).
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
- If log file device is not disk:
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):

CHAPTER 5 SAFE

PROCEDURES

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DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Specify file size, for log file 2, in bytes.

Maximum file size is 5M bytes.

Entering 0 bytes will default to file size of data type.

DISPLAY

Display is Select User Interface Logging Function:
 nnd1 Menu name is 'nuiflog'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
 0 Floppy Disk
 1 Disk

ADVS:
 Enter MAX. LOG FILE SIZE 2 - IN BYTES (0~5000000 = 0):
 CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter log file size for log file 2:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):
- To default to file size of data type:
 - Type 0.
 - Press <RETURN>.
 - Observe following prompt appears on P/R line:
Enter DELOG TITLE 2 (1~40 = /0):

PROCEDURE (Cont.)

- Or, to default to file size of data type:
 --Press <RETURN>.
 --Observe following prompt appears on P/R line:
 Enter DELOG TITLE 2 (1~40 = /0):

NOTICE

CHAPTER 5
PDFE

PROCEDURES

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CHAPTER 5 DFE PROCEDURES

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Provide title for delogging for log file 2.

Maximum number of characters is 40.

DISPLAY

Display is Select User Interface Logging Function:
nnd1 Menu name is 'nui'log'

GMT XXX:XX:XX:XX

SELECT BY NUMBER:
0 Floppy Disk
1 Disk

ADVS:
Enter DELOG TITLE 2 (1~40 = /0):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To enter delog title for log file 2:
 - Enter (delog title).
 - Press <RETURN>.

SWITCH LOG FILE 2 ON EOF? (0~1 = 1):

DESCRIPTION

- PREINITIALIZE DATA TYPE SPECIFIC LOG FILES PROCEDURE (Cont.)

Switching log file 2 at end-of-file (EOF) begins processing a pre-initialized file, if one exists. If a pre-initialized file does not exist, begins processing a default file.

Electing not to switch log file 2, sends file to circular log.

Defaults to switching log file at EOF.

DISPLAY

COPY 10/10/2000

CHAPTER 5
DFE

PROCEDURES

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Display is Select User Interface Logging Function!
ndd1 Menu name is 'nuflog' (0000) 15 DEC 99 12:00:00 GMT XXXX:XX:XX:XX

SELECT BY NUMBER:

0 NO
1 YES

ADVS:
SWITCH LOG FILE 2 ON EOF? (0~1 = 1):
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To switch log file 2 at end of file:
--Type 1.
--Press <RETURN>.
--Observe user interface log menu appears.
- To send log file 2 to circular log:
--Type 0.
--Press <RETURN>.
--Observe user interface log menu appears.